SOUTHEASTERN REPEATER ASSOCIATION MEMBER

SERA Repeater Journal

The Official Voice of SERA, Inc.

MAY, JUNE, JULY, 1997 3.00

8-STATE REPEATER INDEX INSIDE

Features In This Issue:
- Floods Play Havoc in Ky & WV
- Remember the old "Lunch Boxes?"
- Updated 1997 Hamfest Calendar
- Updated 8-state SERA repeater index
- Updated VE Examination Schedules
- More new writers & correspondents

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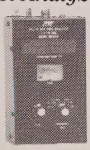

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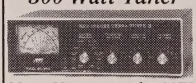

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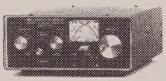

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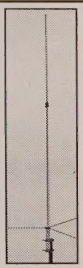

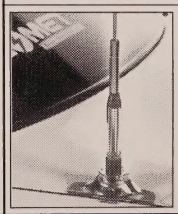

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And finally, most all officials may be contacted through the SERA Official Web site:

http://www.sera.org

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REPEATER LISTINGS
For any repeater listing, changes, additions or deletions see your local coordinator listed in this section.

MAY, JUN., JUL., 1997 - ISSUE 2

For 26 Years - The Premier Magazine for Amateur Repeater Owners & Repeater Users in The SouthEast

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

Page 1 - Editorially Speaking . . !

A Little Hamfest Discussion!

Minor inconveniences in life . . . Hamfest food? That's a subject I could spend a lot of time on. I've suffered too many nights of indigestion over the past 23 years of attending hamfests.

I can place hamfest food into three categories, good, bad and terrible. Over half of the hamfest's food falls into the terrible category, and another fourth or more into the bad category. That leaves less than a forth we could call good.

Good food at a hamfest is not such an impossible accomplishment, some are actually doing it. It is merely allowing someone who knows how to prepare food properly and deliver it quickly to a customer in a quick-sort of way. (Kinda like the McDonalds, Hardees approach).

Sponsoring clubs of hamfests have a lot to do with the food served and could control it. I do agree that clubs who have hamfests in large city-owned facilities will fall prey to the city's own "hired" concessions and most of them have a taste for . . . well you know what I mean.

But the clubs who can control the food should take time to "taste the food," see if it is good. Is it what busy people desiring a light meal want? If you let the local "Lion's Club, or Ruritan Club, or whatever" sell at your show, be sure they can dish up a good plate. Don't just try to be a good neighbor.

Now I'm not saying that food will control attendance at a hamfest, but it could. If I am going to a show to spend the day, I certainly want some reasonably digestable food to eat while I'm there.

Breakfest: Most shows don't serve it. Some serve biscuits (brought in from the local Bojangles), a few serve homemade stuff. That's alright. I like those biscuits if they're still hot!

If I had to rate breakfast, I would put Raleigh (NC) at the top of the heap. The fairgrounds concession has a nice sitdown restaurant in the hamfest building. Freshly perked real coffee, fresh eggs, bacon, ham, anything like that cooked to order while you wait. And it's done like us "country boys" like too.

For lunch: No where really comes near Winchester (VA). You start smelling the charcoal in the early morning. By noon, over 2,000 charcoaled barbecue chickens are ready to be plopped on a plate with slaw, hush puppies, potato salad and biscuits. Wow!!!!

I would say that Shelby (NC) rates highly in the breakfast and lunch category. (probably best overall) This is due to a large number of fairgrounds concessions coming in and opening up for the hamfest. With so many choices for both meals, you can't go wrong. Most fairgrounds concessions have learned "you gotta have good food to survive." Honorable mention would be the "night before"

(Continued on Page 53)

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The SERA Repeater Journal

May, Jun., Jul. 1997
Volume 26, No. 2
Organized in 1971

"Celebrating 26 Years" Of Continuous Service To Amateur Radio

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Please join us in welcoming two more new writers for the Repeater Journal. Randy McKenzie, KB4FV, of Hillsville, VA will be a feature writer. His topics will center mainly on technical items. He is introduced on Page 19. Another Virginian, Lyle T. Palmer, KI4BH of Roanoke will join Mike Brigham, W1CLS of Newport News in covering Virginia news. Lyle's first contribution covering the west is on page 40. Mike covers eastern VA on page 36.

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Be Sure to Check out the Official SERA Web Site: http://www.sera.org

About the SERA Repeater Journal Magazine

The *Repeater Journal*, voice of SERA is published quarterly, the first Friday of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is entered as Third Class Mail at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor: Wayne C. Williams, K4MOB, 600 Lakedale Road, Colfax, NC 27235, (Phone or fax)(910) 993-5881, or E-Mail: k4mob@nr.infi.net

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 1,950 repeaters available to over 90,200 Amateurs covering 329,000 square miles from the Southeastern member States of North Carolina, South Carolina, Virginia, Tennessee, West Virginia, Kentucky, Georgia and Mississippi. SERA celebrates its 26th year of service in 1997 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, published the first Friday of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed 3rd Class Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may join SERA as a Full Member if they have an operable repeater on the air. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with an asterisk (*) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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The terrible floods came and the hams responded

A Night To Remember In Falmouth, Kentucky

The Repeater Journal offers thanks and congratulations to the Northern Kentucky ARC for their outstanding job during the flood crisis. We appreciate through the efforts of our KY news correspondent, Fred Jones, WA4SWF, the receipt of this coverage originally published in the clubs newsletter "The Feedline."

-by John Meyers, N4GNL, KY 7th Dist. EC

On March 1st at 8:55 PM I was contacted by Rick Watkins Area 7 Disaster Emergency Services Director and asked that I put the Northern Kentucky Emergency Team (Part of the Northern Kentucky Amateur Radio Club, Inc.) on Emergency standby for possible deployment to Falmouth, Ky. for a flooding disaster. I contacted 13 amateurs and was ready to respond by 10:00 PM to the affected area. At about 12:05 am Sunday March 2nd the call came to respond.

Upon arrival we learned that there was already an amateur radio operator with a station already on the air requesting help with communications., a local resident. On US 27 (1:00) at the outskirts of town, the bridge entering Falmouth we encountered a raising Licking river which we watched rise 3 inches in 5 minutes. This became so fast a raise that we could not even be allowed to get on the bridge. The water had already risen to a height of about 35 feet at this time.

All power to the City of Falmouth and surrounding areas was lost in the early hours of Sunday morning, leaving the City dependent upon Amateur Radio Communications. The crest of the flood at this time was 52 plus feet, with normal flood stage at 28 feet.

Around 7:30 am the first Amateur (ham) was allowed to board a boat to go across the rising Licking river and get to the Emergency Office of Communications and establish an Amateur radio station. As the day proceeded it became apparent that we were in need of more communicators and a call was put out for more help which responded. By the end of the first day there had been 28 hams involved. By the end of the need for Amateur Radio, March 12th, there had been a total of 40 hams.

Upon arrival at the Emergency Operations Center (EOC) there was Communications established between the Fire Dept., Police Dept., Disaster Emergency Services (DES) County Director and DES 7th District State Director. The other 8 hams of the initial response team were placed one each at the St. Luke Care Center a temporary EOC, South Side Church of Christ a shelter, Antioch Church of Christ a shelter, Blanket Creek shelter, Campbell County DES EOC Headquarters, Grant County DES EOC Headquarters and Pendleton County High School. These hams started doing what they do best, providing backup emergency communications which went continuous through late Tuesday afternoon. This is when the Hamilton County Emergency Mobile Communications Vehicle (HCECV) was brought in for another temporary EOC.

Many of the hams had gone nonstop for over 24 hours.

Once the Cellular phones (2) arrived in the HCECV we were able to relax the efforts of the Hams. Then on Wednesday afternoon there came an emergency in Hamilton County Ohio where their own HCECV was needed.

Again the EOC had to be moved and started all over. So, the hams became a very important part of this operation.

After setting up in the Elementary School at the fairgrounds, Ameritech supplied 10 cell phones and we were able to relax some of the hams. On Thursday Cincinnati Bell provided 10 land line phones and we were on our way to some type of normal operations.

As I mentioned earlier, there were hams in two other key locations, Campbell County and Grant County DES EOC. These locations were very important to the operation as Falmouth was shut off to the outside world due to this flood, So Grant County being to the West was able to support us with the food, water and medicine need to keep those in the shelter and workers fed and medically taken care of.

The Campbell County EOC was able to care for the northern part of Pendleton County (City Of Butler) furnished their needs, since Falmouth was completely cut off from them by flood waters.

On Monday March 10th we were able to release the hams from Grant and Campbell Counties as their prospective EOC shut down. Then on March 12th the EOC in Falmouth announced that their radio communications and telephone service had been restored to the point that hams were no longer required and a hardy thanks was give to all Hams who helped in this exercise.

I would like to add though that as Area Coordinator for the 7th District I am very proud of the professionalism that each and everyone of the area hams have held, the integrity of the hobby has shone through the eyes of many of the Pendleton county residents. I would like to congratulate them each one who helped in the front lines and those who were not so visible.

Words of Thanks

From Craig Peoples, DES Falmouth on behalf of Rick Watkins, Area Coordinator DES 7th District.

If I failed to say it before now please thank the many radio operators that assisted in providing communications during the flooding in Falmouth. You and your people provided a very valuable service in that trying time and performed like professionals.

I hope that the services you and yours can provide in times of emergency were visible to those outside of the county. I also hope that this disaster will open many doors for radio operators. I believe it was very evident that the need for radio operators to be trained to a basic level in other disciplines was also evident during this time.

Again, please convey a sincere thnks from me to all those that assisted. I hope that it is a long time before your are needed in that capacity again, but if you are needed I promise that I will make the call before the road in is closed.

Some of those who provided help during the time of emergency - which included 41 people at 14 different locations for a total of 1,562 man hours:

John Meyers/N4GNL
Greg Seibert/WA4SRF
Joe Stern/KI4QG
Fred Eastabrooks/KE4ESN
Jake McHendrix/WD4PBF
Richard Wyatt/KD4AG
Jack Thompson/KA4RKS
James Blythe/WA4BRM
Jeremiah Williams/KE4TCO
Brian DeYoung/KE4HOR
Larry Stein/WB4SMS
Ron Baker/KK4DO
John Thernes/W4ZN
Clayton Williams/KF4KMI
Mark Tanner/KC4COV
Tom Bauman/KE4DSK
Jack Prindle/AW4WS
Jeff Wallace/KE4ZOT
Bob Pentz/K4DMA
Keith Rittinger/KC4RMV
Rich Wyatt/N4OQR
Steve Hornsby/KE4URS
Nick Carlin/KE4ETR
Barb Carlin/KE4ETS
Bill Martin/K4JBV
Greg Guard/N4YUS
Tom Guard/N7TG
Bob Burns/AB4BK
Ken Rood/KZ5KR
Rob Blocher/N8JMV
Jeff Thomas/KD4EVB
BUFORD Scott/N4EEO
Charles Samuels/WA4AAI
Mike Wagoner/KB4VKS
Gary Johnston/KI4LA
Bill Uschan/WC4ACW
Iwana McHendrix/KB4AUF
Mike Kappas/N4AMH
Neil Mays /WB4WSG
Robert Porter/WA4ELU
Richard Holtermon/KD4PYR

From the President of N. Ky ARC

-Ron Baker, KK4DO

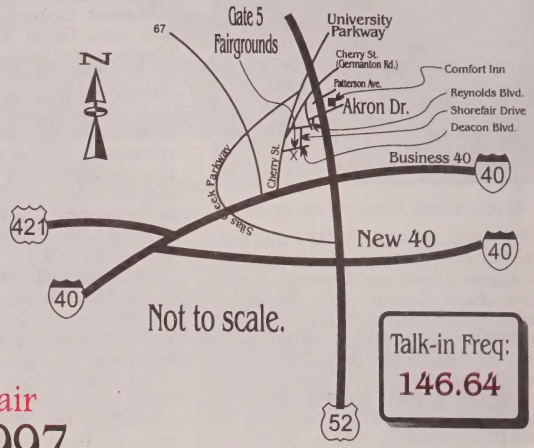
March arrived and with it came the rains and the rivers flooding. I am proud of the way our club pulled together in the emergency to help provide communication for Falmouth.

There were so many people from our club that helped that I can't name them all. I want to take this time to say thanks, and say good job well done. I know that this may be the only thanks you get but I know that the people in Falmouth are grateful, they may not be able to say it right now because they are still trying to piece their lives back together.

(More Flood Stories on Page 6)

Winston-Salem Hamfest!

Winston-Salem Hamfest



Computer & Electronics Fair

Saturday, June 14, 1997

Free Camping Friday Night

Tailgating area available for camping after 2:00 PM Friday

RV hookups available In Tailgating area

Free Parking: Acres of it!

Indoor AIR-CONDITIONED dealer and fleamarket area

Sanctioned Hamfest

Visit FARC's Web site: http://www.rbdc.com/~kq4lo/farc.htm

Sanctioned Hamfest

Saturday, June 14, 1997

Outside Tailgating!

Location: Dixie Classic Fairgrounds

(Deacon Blvd., Gate 5, same as last year)

Dealer and inside space opens at 8:00 AM

Directions:

From Greensboro: I-40 to US-52, north on US 52 to Akron Dr., west on Akron to Reynolds Blvd., left on Reynolds Blvd, second left is Shorefair Dr., second right is Deacon Blvd, Hamfest entrance is through Gate 5 on left.

From Statesville or Yadkinville: I-40 E to Cherry St. North on Cherry St. approximately 5 miles to Deacon Blvd., right on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

From Mt. Airy: South on US-52 to University Parkway. Turn right on University Parkway. Follow University Parkway to Deacon Blvd. Left on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

Accommodations:

The Holiday Inn North (910 723 2911) and the Courtyard by Marriott (910-727-1277) are both only 1/2 mile from the Hamfest. The fairgrounds have full RV hookups for only $12.00.

FCC Exams:

For a guaranteed space at the test session send a check for $6.25 (payable to ARRL/VEC) to:
David Fleming, KE4JHJ
2959 Parkhurst Drive
Winston-Salem, NC 27103
910 766-8667
Pre-registration required by June 9. Testing is at 12:00 Noon sharp, 610's available at test. Bring Photo ID, original and photocopies of license and any upgrade CSCE's.

Name _____ Call _____

Street _____ Phone _____

City _____ State _____ Zip _____

_____Pre-registration tickets @ $6.00 each	$ _____
_____Indoor Fleamarket tables @ $14.00 each	$ _____
_____Outside Tailgating @ $3.00 per vehicle	$ _____
_____Friday Night Camping @ FREE!	$ _____
_____RV Hookup @ $12.00 per night	$ _____
TOTAL ENCLOSED	$ _____

Make checks payable to:

Forsyth Amateur Radio Club, Inc.

Mail along with SASE to:

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after May 28 will be held at the gate.

Covered outdoor spaces in the tailgating area are available (for a modest fee) on a first-come, first-served basis. Fairground regulations do not permit the sale of food or beverages by unapproved vendors. Full RV Hookups are available in the tailgating area this year for $12. Camping and self-contained RV's are welcome in the Tailgating camping area and restrooms will be available. Not responsible for accidents or theft.

For Dealer Information contact:
John Grogan, KD4AER
Hamfest Chairman
(910) 723 7388
jhgrogan@ix.netcom.com

Storms and Flooding Sweep several States Amateurs are helping

Other Storm Reports in the news

-from ARRL Letter from reports *Gathered*
-by Jennifer Gagne, N1TDY

Hams pitched in to volunteer as storms and floods hit several states in March. As severe storms were spotted across parts of the southern US, hams activated Skywarn nets to aid the National Weather Service in tracking the systems.

In Arkansas, several tornadoes ripped through Arkadelphia and elsewhere on March 1. Arkansas SEC Jim Blackmon, KB5IFV, who lives in Arkadelphia but was not seriously affected by the twister, reports that up to 30 hams mobilized within an hour of the tornado that devastated a swath two city blocks wide. (Later reports indicated that as many as 60 hams were pitching in.) Hams accompanied Office of Emergency Services (OES) teams on search-and-rescue missions.

Hams accompanied damage assessment teams and Red Cross workers March 2.

Hams also helped provide communication and other services at Salvation Army shelters that were opened to take in those whose homes were destroyed. An HF link was maintained between Arkadelphia and the capital of Little Rock. Blackmon also reports that hams also helped a National Guard unit that got local radio stations KVRC and KDEL back on the air using a military generator, and he expects hams to be active in recovery efforts over the next week or so. Arkadelphia's underground telephone cabling kept most telephone service up and running, with the exception of the hardest hit area, which still had overhead lines.

Arkansas SM George Mitchell, KI5BV, praised the organization and "first-rate work" of the hams working emergency duty.

In Ohio, where floods struck last March, SEC Larry Solak, WD8MPV, reports 14 counties have been declared disaster areas. Shelters were opened in at least three counties. Solak reports that approximately 200 Ohio hams turned out to help Red Cross personnel and the National Guard with emergency operations and damage assessment. Other hams in central Ohio were reported to be standing by to help, if needed. Because many of the flooded areas were isolated and not heavily populated, details are sketchy. Hams also were reported working at the state Emergency Operations Center as well as at county EOCs. And ham radio has filled the communication gap in those areas of Ohio where phone service was out.

SUPPORT YOUR COORDINATOR AND EXPAND YOUR HORIZONS

Join or renew as a SERA Full Repeater Member

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: NC, SC, VA, TN, WV, KY, GA, MS

1997 Repeater Full Membership Application

Please fill out the this short form Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as representatives. ONLY these two will be SERA reps, have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next February 1997 Repeater Journal is Jan. 1, 1997.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL*.

NAME_____ CALL_____
ADDRESS _____
CITY_____STATE_____ZIP_____
HOME PHONE #: ( ) _____
ARRL MEMBER: [ ] YES [ ] NO

NAME _____ CALL_____
ADDRESS_____
CITY_____STATE_____ZIP_____
HOME PHONE #: ( ) _____
ARRL MEMBER: [ ] YES [ ] NO

RJ 05-97

FULL MEMBERSHIP: [ ] NEW [ ] RENEWAL - ($15.00 - FOR REMAINDER 1997) FEE ENCLOSED - AMOUNT $_____

REPEATER IS SPONSORED BY: (Name of Club OR Owner)_____

REPEATER TRUSTEE'S NAME_____CALLSIGN_____

IF A 1997 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST SEP or OCT, INDICATE PERSON'S NAME AND ADDRESS TO SEND IT TO:

NAME _____ CALLSIGN_____

ADDRESS_____ CITY_____ STATE_____ ZIP_____

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

SERA Full Membership soars!

-by Wayne C. Williams, K4MOB
Editor - The Repeater Journal

The numbers constantly change each quarter when we total up members, repeaters and percentages. This quarter is no different. In fact, there are large changes in all categories.

On the good side, we picked up 120 more Full Member repeaters. This brings our total to 1,252, or 63.9% of all known repeaters in the SERA 8 states.

Totals dropped in numbers of repeaters for each state, as we removed from the lists, repeaters which are classified as "unknown."

An "unknown" repeater or listing is one that we have not heard from in 3 years or more, despite numerous letters, and requests to them asking updated repeater status and information.

The first step has been taken - removing from the lists. Coordinators will still continue to make every effort to contact the last known owner of these repeaters and try to get information.

The final step, if all other avenues for information are exhausted, will be to de-coordinate the frequency and return it to the coordination pool for future coodinations for that given area.

Reading the membership stats: North Carolina leads with the most full member repeaters, and also the highest percentage of membership - 261 repeaters and 69.41%. Out of the new repeater totals, North Carolina has more repeaters than any other state in SERA territory.

Second is Georgia with 250 member repeaters for 67.93%.

Virginia is second in percentage with 68.0%. Probably the biggest advance of any state, and also within itself in years would be Tennessee. They have jumped to 219 members, more than ever in history, and a percentage of 65.37%. This is a tribute to the repeater owners in that state as they rally support for SERA, and the coordinators who have made extra efforts to contact and become known to repeater owners.

We always like to remind, especially for new comers, SERA does NOT require membership as a prerequisite for service from any repeater owner. Our organization is dedicated to helping all known repeaters and their owners, when requested, equally and fairly.

On the other hand, SERA requires that all repeaters keep their coordinators updated at least yearly, through the use of datasheets. This will provide required documentation to continue to

(Continued on Page 55)

SERA Full Membership Report

Full Membership - By State - By Year - From 1988 to Present.

SERA STATE	TTL '88	TTL '89	TTL '90	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	2nd Qtr. 1997	TOTAL Mbr. %	STATE RPTRS
GA	100	104	124	142	173	195	208	236	217	250	67.9%	368
KY	15	48	53	66	70	80	86	122	129	133	60.5%	220
MS(1)	3	12	36	38	36	50	60	75	73	55	36.9%	149
NC	145	181	157	189	220	243	265	274	295	261	69.4%	376
SC	46	59	50	53	60	68	68	83	81	80	64.5%	124
TN	80	111	128	155	179	188	182	202	193	219	65.4%	335
VA(2)	99	151	122	127	136	157	173	178	162	170	68.0%	250
WV	39	51	54	67	70	62	70	82	84	84	61.3%	137
TTLS	527	717	724	837	944	1043	1112	1252	1241	1252	63.9%	1959

OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1997 -- 22

(1) Mississippi assumed SERA District Status in late 1989.

(2) Total Virginia list does not include 90 or more repeaters in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and 9 Repeaters in the West Virginia Panhandle area.

All 8 state listings purged of "unknown" repeaters during 2nd quarter of 1997. Updated 4-17-97

CARY
Amateur Radio Club

25TH ANNUAL CARY MID-SUMMER SWAPFEST

ARRL

SATURDAY JULY 19, 1997 - DOORS OPEN AT 8:00AM
TALK-IN ON 147.15+ - TICKETS $5.00 (ADVANCE $4.00)
DEALERS, PRIZES, EXAMINATIONS, FORUMS

Weapons and pornographic materials may NOT be displayed or sold at the SwapFest site.

PRE-REGISTRATION FORM (POSTMARK BY JULY 1, 1997)

Name _____ __ Pre-registration tickets @ $4.00 ea $_____
TOTAL ENCLOSED

Address _____ Make checks payable to: Cary Amateur Radio Club

City_____State___Zip_____ Call _____

Mail to: Cary Amateur Radio Club, PO Box 53, Cary, NC 27512
INCLUDE S.A.S.E. (No S.A.S.E - Tickets held at door)

Presenting the 41st Annual

SHELBY, NC HAMFEST

The Grand-daddy of them All!

SATURDAY AND SUNDAY

August 30 and 31, 1997

To Be Held At The Cleveland County Fairgrounds

SHELBY, NORTH CAROLINA

ACRES OF FLEA MARKET -- INDOOR DEALER BUILDINGS
CAMPING -- FOOD -- FORUMS -- PRIZES

ARRL Sanctioned and Proudly Sponsored by the Shelby Amateur Radio Club!

General Hamfest Info
John Ledford, N4GOQ
3410 Oakcrest Drive
Shelby, NC 28150
Phone: (704) 482-4507

General Hamfest Info
Ace Lovelace, WD4NHM
719 Washburn Switch Rd.
Shelby, NC 28150
Phone: (704) 434-2140

DEALER CHAIRMAN
Barbara Elliott, N4MRZ
P.O. Box 191
Fallston, NC 28042
Phone: (704) 538-7919

It's Not Too Early to Register Now for Shelby!
Fill out the form below and send it in.

More Details to Come in Our August Journal Ads.

1997 SHELBY HAMFEST PRE-REGISTRATION FORM

RJ-5-97

I would like to be an "Early Bird" and Pre-Register for
The 1997 SHELBY HAMFEST!

Enclosed is my check for: _____ Hamfest Tickets at $4.00 each. Total: _____
Children under 12 years-old FREE!

Mail Completed Pre-Registration form with your check. Include SASE for return of your tickets.
Pre-Registration Ticket Stubs will already be in the Barrel.

Call _____ Name _____

Address _____

City _____ State _____ Zip _____

Phone: [ ] _____

Mail Completed Pre-Registration form with your Check, Please include S.A.S.E. for Return of tickets

MAIL TO: SARC
P.O. BOX 2206
SHELBY, N.C. 28151-2206

Pre-Registration Tickets Will Already Be In The Barrel.
Note: No member of the Shelby Amateur Radio Club or immediate family is eligible to win any awards.

I'd Like to Check-In Please!

-by Marvin Whatley, AA4YW

Now, as the twentieth century winds down, our society can pride itself on substantial progress on many cultural fronts. Of considerable significance is vast reduction in prejudice and discrimination. Those with different religious beliefs or different colors of skin no longer must apologize for it and generally will be treated equally among all. Unfortunately, in amateur radio, gross discrimination is still common. It isn't those of a different race, or of a different sex that must sit in the back of the bus, or even those who hold badges of lower (or higher) achievement, but those whose call sign suffixes start with letters in the (heaven protect us) last part of the alphabet. All traffic nets that work on SSB or FM always require hams to check in alphabetically according to the first letter of the suffix of their calls.

Those of highest privilege are in the "alpha through golf" group. Except for the representatives from other nets, these are the honored few. Next come the "hotel through november" group. Usually by this time items of traffic are assigned and business is conducted among these elite. The "oscar through tango" group might pick up a few scraps, but by the time the "uniform through zulu" group gets there all the goodie is gone. It is not uncommon for net control to invite checkins by "alpha though ..." so that if a member of the alpha though golf group missed his window initially, he can check in at any time. When control finally gets around to "alpha through zulu" it sounds like a begrudging afterthought, and if the stragglers have any trouble getting in due to doubling (these guys are getting pretty anxious by now) or rechecking of earlier checkins, its just too bad because the net must get on with its business.

After the formal portion of the net, there is often an opportunity for informal comments. What could be more natural than to base the list on the order in which members checked in?

This allows the elite to have their say first and permits them to leave before the riff-raff come on. If your call is AA1ZZ, you can usually depend on the net control still being around for your comments.

We have been using this system for many years and it seems to work. It is necessary to have some system. As I see it, the insignificant minority with us with unfortunate call signs (less than 25% of hams) have three options: We can learn to live with it, we can change their call signs, or we can just get the heck out and stop making waves.

Ethel Smith, K4LNB Dead at age of 79

Ethel Smith, K4LNB, one of the nation's best known lady ham operators died Feb. 5, just one week before her 80th birthday.

-photo ctsy AutoCall

Ethel Smith, K4LMB

Ethel, from McLean, Virginia was a ham for more than 60 years. She first got her license as a teenager in Wenatchee, WA. as W7FWB.

Among her contributions to amateur radio, she formed the YLRL, Young Ladies Radio League, was one of the founders of the Foundation for Amateur Radio, which gives scholarships to young ham students each year. She also was editor for years of the foundations magazine "Auto-Call."

Ethel served as ARRL Assistant Director, General Manager of QCWA, and a member of its Board of Directors.

Among her many awards: Washington DC "Ham of the Year," Dayton HamVention "Special Achievement Award," QCWA Roll of Honor, Radio Club of America Fellow, Foundation for Amateur Radio "Ham of the Year," and ARRL Roanoke Division Service Award.

One of Ethel's final achievements before her death . . . she passed her Extra class test at age 79.

(Thanks to W5YI Report and AutoCall for information and photo)

SERA Coordinates It's First 2.4 GHz Repeater in Virginia

Virginia Director, Don Williams, WA4K reported in January that he had coordinated his first, SERA's first, and probably the first east coast 2.4 GHz repeater.

The machine will be placed on Apple Orchard Mt., north of Bedford near the Blue Ridge Parkway at a height above sea level of 4,260 feet.

If you'd like to tune it in. The input is 2431.600 MHz, and the output is 2411.600 MHz.

Danny Hampton, K4ITL, NC Director made the statement to Williams, "Hope he doesn't lose his antenna for his portable, it'll be so little he'll never find it again!"

A Special Note From the President of SERA

The goal of all the volunteers of SERA is to do the best job we can for you, the repeater owners and repeater users in our territory. We are all like you, wanting what is best for our hobby. We want SERA to do the job right. We believe in quality, whether it is in service or in merely getting the latest information to you through our Repeater Journal.

Although we try very hard, sometimes things don't go quite right, either through lack of communications, or sometimes even a personality conflict and someone gets upset. I invite you to contact me if you have any complaints on the way SERA is doing its job. If you feel you need to talk to someone, please give me a call - I'll listen!

DAVE SHIPLETT, AC4MU
SERA President
107 Mossy Lake Road - Perry, GA 31069
Phone (912) 987-3000
E-Mail: 2006784@mcimail.com

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These license plates are for novelty use only and not intended to replace Official State License Plates!!

VIRGINIA BEACH HAMFEST

Sept 20 & 21, 1997

Virginia Beach Pavilion, Virginia Beach, Va.

ARRL VIRGINIA STATE CONVENTION

Major Ham Radio Manufacturers
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Business Name/Call Sign _____

Type of Business: Radio _____ Computer _____ Other _____

Street Address _____

City _____ State _____ Zip _____

_____ Advance Tickets good for both days - - $5.00 ..... _____

Children under 12 free **TICKETS WILL BE $6.00 AT THE DOOR.**

_____ Commercial 10' x 10' Booth for both days - - $150.00 per booth ..... _____

Booth includes electricity, tables and chairs.

_____ Commercial 8' Table for both days - - $30.00 ..... _____

_____ Commercial Tables (10 or more) for both days - - $25.00 per table ..... _____

_____ Electrical Outlet for both days - - $25.00 ..... _____

_____ Banquet Tickets - - $20.00 each ..... _____

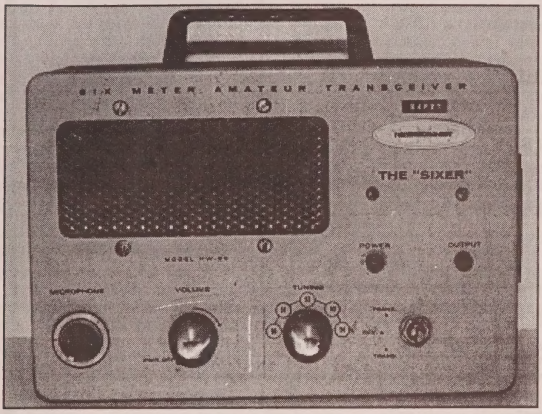
For Information About Show Call (757) HAMFEST **TOTAL** .... _____

New This Year! The "Tail Gate" area will moved inside to eliminate the inconveniences caused by inclement weather, and to increase the number of parking spaces available to Hamfest attendees. A special area will be designated for dealer parking of trucks, vans, and motor homes, also to enhance parking for the attendees.

Nostalgic Wavelengths

DAVID BOWER K4PZT
d.bower@ieee.org
P.O. BOX 10145
KNOXVILLE, TN 37939

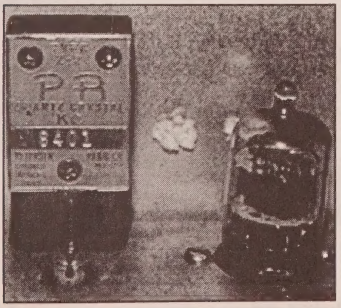
This famous "Lunch Box" didn't carry food!



The famous Heathkit "lunch box" was available for two and six meters. It revolutionalized the world above 50 MHz. in its day.

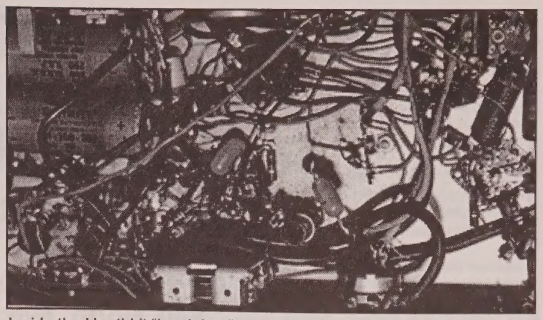
It was known to many as the Heath Kit "Benton Harbor Lunchbox." but it held much more than a sandwich, an apple, and perhaps other snacks. It had a convenient handle, like a "lunchbox," for carrying but it contained, instead of food, an assortment of vacuum tubes, resistors, capacitors, coils, other devices, and a "difficult-to-reach FT-243 crystal holder -- the only means for changing frequency.

This superregenative (superregen for short) receiver covered all of the band in one big swoop. The characteristic of a superegen, while sensitive, was that it was "very broad" and could not receive signals that were closely spaced.



Changing frequency on a SIXER - just plug in another xmit crystal in the handy socket.

In its most popular configuration, it covered the six meter band. Its twin was also available for two meters. It contained but five vacuum tubes. A 6AK5 served as the oscillator. A 6AU8 and 6AN8 rested nearby. A "can-type" multi-value electrolytic capacitor dominated the back of the transceiver with a transformer on either side. A panel mounted speaker provided plenty of volume for mobile operation, although many were operated from a fixed station. In the rear, a male octal base socket served as the power connector for either 115 volt AC operation (with internal power supply) or via an external supply for DC operation in a vehicle.



Inside the Heathkit "lunch box" was a jumble of wires, capacitors, resistors, knobs and tubes. Note the large filter capacitors in the upper left.

Unlike mobile solid-state transceivers utilized today, vacuum tube transceivers required high voltage for the vacuum tubes. The most common mobile power supply was a mechanical vibrator type which "literally" used a vibrating mechanical device to generate the time varying voltage.

Thus, this "time varying voltage" could be used with a transformer for boosting the voltage to a higher level. A couple of adjustments, a 3AG fuse holder, an external meter jack, and the "all important" SO-239 RF connector completed the configuration of the rear panel.

On the side panel, there was a plexiglass covered slot for your ham license. And by the way, FCC regulations required logging for mobile operation. There was a special "small-sized" log book for this purpose.

Now to the business end. It was simplicity, and few needed an operation manual to figure it out. No offsets to worry about. If you wanted to change frequency, you manually changed the frequency by inserting a different crystal. The crystal was inside, so you had to take the cover off to obtain access. Many amateurs performed a simple modification and mounted the crystal jack on the front panel for greater convenience.

No DTMF key pad for auto patch. No PL tones for repeater access. In fact, there were no repeaters when this rig dominated the VHF bands!

A high impedance microphone connector was mounted on the far left. Next came the volume control with integral on-off switch. The tuning dial was in the center, and for the six meter version, was simply marked for each megacycle (Hertz was yet to come). If you wanted to receive 50.4 mcs, you had to interpolate (read--guess!) the position marked between "50" and "51." No precise digital displays to help. But with the superegenative receiver, this really did not matter -- being close was ok, since the receiver was so broad. To the right of the tuning dial, the function switch for transmit and receive was mounted. It was a three position device. Receive was in the middle; one position locked for transmitting, the other position was a "poor man's" push-to-talk and you simply held the switch down as long as you wanted to transmit.

Above this a simple neon bulb indicated that power was present. To the right, another neon bulb (with red cover) showed RF output and flickered upward when you modulated (talked). Oh, I forgot to tell you. This was an AM (Amplitude Modulated) rig -- and not FM or SSB. But what a popular transceiver it was. For about thirty dollars, you could order the HW-29, or "SIXER," for six meters and its twin known as a "TWOER" for you guessed it -- two meters.

I owned both, but mostly operated six because of the very low activity on two. The units low power (five watts input) was sufficient to work about 10-25 miles if you were talking with a fixed station with a beam or but a few miles between two mobiles.

On a nice tall hill, it was possible to work almost 75 miles if the station on the other end had a good beam antenna. Most mobiles used a strange device (horizontally polarized) with three circular rings, and popularly known simply as a "halo."

(Continued on Page 50)

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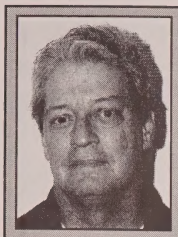

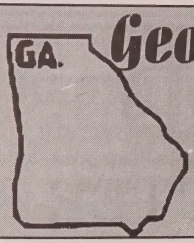

Georgia Grabbag

STU SIMS, N4MXC
ssims@mail.Bleckley.public.lib.ga.us
(912) 934-9236
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COCHRAN, GA 31014

1. First . . . I appreciate the kind words and response to the last issue's grabbag. I guess we need to keep it up!! I was flattered and surprised at the response. If you have something you believe should be mentioned, please feel free to forward to me via E-mail or any other means that fits the bill.

2. For those who missed the Dalton Hamfest in February . . . you missed a good one!!! The folks at Dalton ARC put on one heck of a good hamfest and it was good to see old friends again. Bert Coker, N4BZJ, and I were both there and we had a number of visitors at the booth but the most fun was roaming around and talking.

3. The Kennahoochie Hamfest at Marietta followed in March, another fine show. Last minute problems kept me from this one but, I got a number of fine reports about this show.

4. Upcoming hamfests at Statesboro May 10; Albany on Jun 13-14 (this is a combined hamfest and computer show); and the state convention in Atlanta Jun 20-21.

My congratulation to Willard Fish, KF4ISY, of Eastman, Georgia on being elected President of the Heart of Georgia ARC of Eastman, GA. This little rural community has a nice group of hams who are eager to show folks what a small club can do. They have some ideas on the drawing board and plans in the hopper . . . and want to make the hobby fun and informative. Check into the club net on 145.21 on Monday evening at 8:30PM.

6. My thanks and appreciation to the Heart of Georgia (dare I say HOGs, not be confused with Razorbacks) ARC for the hospitality extended during my visit with the club in April. For folks traveling the middle Georgia area, the club sponsors the 145.21 repeater in Eastman. If in the area say hello.

7. The Georgia District remains the largest SERA District with over 420 repeaters and we are still growing!!! Our full SERA full membership figure is also good - but we have room for growth.

First quarter 1997 full membership was 222 or 53.1% ... and number-wise makes us "Number 2" but percentage wise we are "number 6". I would really like to see us be number 1 in all three categories . . . but I will be realistic, number 1 in two out three categories would be okey, but, I would like to challenge repeater sponsors a little. How about a 7% growth goal for 1997!!!

That won't make us number 1 in all three categories, but sure would challenge those "other SERA districts".

8. Speaking of membership - how about Associate memberships - those folks (usually repeater users) who join SERA to support repeater coordination efforts and to get the Repeater Journal for the most up to date repeater listings in the Southeast!!! I would like to challenge clubs who sponsor repeaters to encourage associate memberships. Contact me via E-mail or letter and I will tell you a way to sweeten your club's bank account, and help the SERA membership grow at the same time.

9. The "Unknown" repeater list has created some interesting effects. I have been hearing from some people we have not heard from in years. Some repeater sponsors and trustees have called to ask - - "Why isn't my repeater listed in the Journal?" " What did I do to get on the unknown list?"

Boy! Easy answer to that question - - THEY DID NOTHING!!!!

Let's see, they have failed to respond to or return the annual datasheet to verify the operation status of their repeater(s) for three consecutive years, failed to comply with the coordination policy they've agreed to support, ignored personal letters from both the SERA President and District Director, and left unheeded at least two (maybe three) notices in the Journal. BUT, if just because I am obligated to serve them, and listen to them when they call make loud noises about not being "listed in Journal" (because they haven't found the unknown list yet despite articles in the Journal). Why do SOME expect and demand (some in a rather impolite fashion) immediate service and solutions??? Anyone got a polite answer to that one? Okey folks the solution is simple. Contact me, by mail, phone or E-mail, and we will take steps to get another datasheet to you to verify the operating parameters and status of your repeater so we can get you off of the "unknown list".

10. A couple quickie reminders from the *SERA Coordination Policy and Guidelines.* **Policy 11 (Repeater Pairs Relinquished)** If a sponsor/trustee sells his repeater system the same frequency pair may be recoordinated to the new owner; provided, the coordination request meets the coordination guidelines, the proposed trustee makes application to the respective coordinator within 30 days of the sale and the current (former) repeater owner has relinquished the frequency pair. If the new owner fails to make application within 30 days, the frequencies shall revert back to the frequency pool.

Now, try this scenario: SERA gets notified of a repeater sale and the former owner has relinquished the frequency pair, and the new owner does nothing. Guess who is going to yell the loudest when five or six weeks later we honor a coordination request 15 miles away from the new owner. Think he is going to be as proud of recent investment? Guess who is responsible under the FCC rules to resolve any interference problems or be subject to fines if he/she puts their newly acquired toy in use?

Policy 13 - (Trustee Responsibility) Failure to return the annual datasheet may also be construed as notification that the repeater has ceased operation and the frequencies are available for reassignment. Think three years in a row of not returning the datasheet is enough "notification"?

Guess the "Unknown repeaters" aren't really unknown are they?

Again, the SERA staff is here to serve you and the amateur community but it is a two way street . . . we volunteer because we want to serve. Most people put a repeater on the air for the same reason. Because we volunteered we are obligated to serve. Because you volunteered, you accepted the responsibility to support and be subject to the coordination policy.

I urge folks who have not returned their datasheets for 1997 to get them back to us.

11. A thanks to everyone for their support in allowing me to continue to serve as your District Director for another term. Bert Coker, N4BZJ, Vice Director, Scott Haner, KB0Y, Asst. Dir., and myself all welcome your suggestions and comments (complaints too).

12. On a very sad note, please include Clev "Slim" Cannon, WB4OLL, and his lovely wife Marie, KA4CJZ, of Macon in your prayers. They tragically lost their son Clev Jr, N4LHZ, age 25, in a one car accident in March. Slim formerly sponsored the 145.43 repeater in Macon and the Cannon family has contributed to the Georgia ham family for years. Clev Jr was active on a number of the HF nets in the southeast and will be missed.

The SERA family extends sincerest sympathies and condolences to the Cannon family.

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Any request received after May 15, will be held at door.

tales of the happy hamette

CINDY ROGERS, KR4LS
crogers@mindspring.com
545 WATERBURY DRIVE
FAYETTEVILLE, NC 28311

Raindrops Keep Falling On My Head

Heads up, fellow radioheads, weather weenies and cybercloudies ! Itwill soon be summertime and the thunderstorms will been free and easy. The Happy HAMETTE has been listening to 2M lately when SKYWARN has been on stand-by or active modes. Here in Nawth Carolina, honey, we have already had a few cloud claps. SKYWARN plays a pivotal and vital role for the NWS and NOAA in providing information to the regional NWS offices that may be missed by the DOPPLER Radar. As evidenced last Spring, when the DOPPLER was down and the SKYWARN Spotters saved the day for folks in Eastern NC when a nasty string of thunderstorms and tornadoes ripped though that part of the state. Certainly, SKYWARN was ready and active in Hurricane Bertha that rolled through Southeastern NC. DOPPLER has been a fantastic innovation. But, no weather detection system is perfect. That is where SKYWARN so effectively and efficiently fills the great gaps in communications. When all else fails, nothing beats a HAM with a portable radio to get and maintain contact anywhere, report adverse conditions assist Emergency Coordinators, and establish communications where phones are down. In fact, nothing beats a HAM anytime. Now, don't fuss, that is my little ole opinion. (A HAM not ham, now. I want to be TC - technically correct - about this. I mean, YOU KNOW, this is the REAL technical column in the SERA Journal.)

With the constantly changing atmospheric weather patterns over the Earth, I shouldn't wonder that no weather detection system can ever be perfect. Well, nothing can. Maybe that is one reason why meteorology is so fascinating. I love the study of weather, radar, and the DOPPLER system as good as the next HAM. I loved the Weather Channel before it was fashionable. My Father loved weather. His family before him loved weather. All my Scot ancestors loved weather. Most of my friends love weather. I have three that don't. One likes Star Trek. The other two like flea markets. I love weather. Honey, you know that weather is a changeable as a man. One minute he is so smooth, sweet and steady; the next, a real mess of unpredictability yet a weird kind of magnetism. Oh, I wish I had a sonar and NEXRAD setup to predict Radio Romeo. Anyway, back to business. Just like predicting a man, SKYWARN Spotters have to be prepared before a storm for the unexpected. They must be ready to go into action as do ARES for assisting in the emergency communications. Those of us in ARES and SKYWARN have reason to be proud of what we do. The keys are to listen, learn, and report according the the NWS and ARRL rules.

In fact, let me tell you one of the most, if not THE MOST, valuable tool to learn in Amateur Radio. The ear. WHEAT says to listen, listen, listen. More on that in another column. It is crucial if one is to be an effective on an emergency net to listen first. There have been many great HAMs who know how to report threatening conditions and save lives.

But, nothing is perfect, is it ? There are some HAMs that defy the role of efficiency, intelligence and practicality. I have three examples of that phenomena in SKYWARN that I bet ya'll will recognize.

The first among those HAMs who report weather to SKYWARN. It is the "HAM " or "HAMETTE" I shall call the "Cloud Spouter". The Cloud Spouter is propelled with endless verbal energy to "spout" forth on the radio that there is a cloud, a bird flying overhead causing a shadow over 3' of land (so as to predict a storm), or almost any rain as a severe storm. They take the SKYWARN classes sure enough. They are even conscious during the lectures.

They salivate at all the tornado slides and appear to go almost aloof at the hurricane portion of the lecture, shouting "More! MORE! Mooooore"! to the meteorologist. They go to SKYWARN classes like some go to revivals or the Shelby Hamfest. They seem to listen. They even take notes. But, they clap and whistle just a liiiiitle too loudly when the meteorologist ends a segment. In all SKYWARN classes everywhere, I am assured, the NWS representative and the Amateur Radio SKYWARN instructors will emphasize over and over when not to report as well as when to make a report. You watch as the Cloud Spouters takes notes on these points. You see them write when the SKYWARN EC somewhat desperately repeats," Do NOT call the NWS if it is just raining. " Well, sure enough, the latest batch of SKYWARN Spotters became transformed into Cloud Spouters. The first rain after the class, "Are we gonna bring up SKYWARN?" "Is SKYWARN activated?" "When can we activate SKYWARN?" They love the word activate, I learned. Then, there it goes. The more verbose of the newbies goes at it for four hours straight with SKYWARN in stand-by mode that they somehow got extended after the real action passed. Or they got SKYWARN in stand-by mode by ignoring all else. You can hang it up with the evening 2M nets, calls that need to be made, and worse of all, real weather events that may arise.

Another variety of the Cloud Spotters are the Storm Troopers. They are the ones who were "trained" as SKYWARN Net Control Stations. But, they wield the frequency with a heavy-handed antenna and their own additional "rules" for reporting.. Here is a true story: One HAM told me about a new SKYWARN NCS that demanded a SKYWARN Spotter number before she would take his report of a tornado. A careful and very experienced HAM, he was livid. He could see the tornado. One could argue that the numerical identifier ensures that a HAM is SKYWARN trained versus a false report and should be required. But, to deny such a report for a number when it was impossible - the HAM was mobile and couldn't remember it - is just what I am talking about. The man did get to tell that there was an approaching tornado, location, and other details before she cut him off again.

Last, there are the Thunder Thumpers so named because they thump the PTT button so much wanting to talk. They want severe weather. They won't admit it. Who would? But, at the first sign of a thunder clap or even thump on the roof.. They avidly report to other Thunder Thumpers on 2M weather conditions all over a region, storm forecasts and potentials for severe weather. They want to get on the radio with a purpose so as to have an excuse to legitimately talk and be important. These are the most dangerous because they can create bogdowns on the repeaters and give false reports out of overeagerness.

When Hurricane Bertha roared through Southeastern NC, I talked to my more meteorologically oriented HAM colleagues on the fine points of atmospheric pressure, where to get the latest DOPPLER photos from the Internet, and which TV station is best in the hurricane area . Most important was what would happen in our area and how could we help. Our EC, Burt VanderClute, N4ERM, was busy days before preparing for the worst. We certainly had HF on tuned to the TarHeel Emergency Net on 3923. So, Jim and I were listening (that is a key word, kids) and alert being trained SKYWARN Spotters and members of ARES. Jim did relay from HF to 2M from the EOC. The night of Bertha we all were lucky. There were no Cloud Spouters or Storm Troopers or even Thunder Thumpers. Everyone was all business and really the finest business at that. That day and night was SKYWARN and ARES at their best. There was extensive damage - even for us - but, we never lost communications due to the Radio.

God Bless ARES and SKYWARN. God Bless us all.

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West Antenna still carries all the other items listed in our previous ads. which include - Rohn Towers, PolyPhaser lighting protectors, circuit breakers, fuses, fuse holders, rope, etc. See ads in earlier editions. *Call us for information and for your needs.*

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$149.95

Boost rate, peak 900 amps, 250 cranking amps, weight 17-lb. Size 10.5 x 3.2d x 14h (inches)

watts -	hours		
4	40	24	6.5
9	20	40	3.5
15	13	80	1.5

Comes with a esa-2 charger and esa-1 extension cord, 12-volt DC power pack, portable and cordless for home, auto, recreation. Battery booster, 250 cranking amps of power. Starting vehicles fast. No more tangled cables. Use with sporting equipment, electronics, emergency radio equipment, lighting, generators, farm equipment and many other applications.

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$279.95

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watts-	hours		
4	84	24	14
9	42	40	8
15	27		

Heavy duty Booster Pac - comes with esa-6 charger and esa-1 extension cord. 12-volt DC heavy duty power supply. Power with more features. Automatic short circuit protection, powerful 1200 peak amps and reverse polarity protection. This unit has the same percentage of charge and full charge indicators as the es2500ke model.

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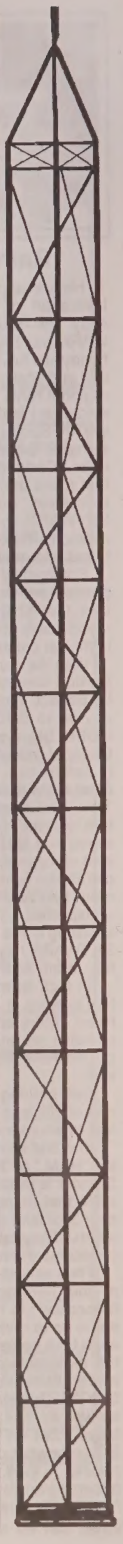

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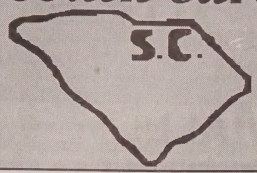
South Carolina News



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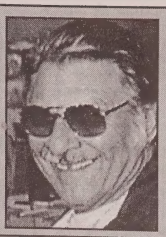

A Special Note to SC Readers

A special note to our South Carolina readers and Clubs. I have been writing this column mainly for my local area of South Carolina, covering Charleston only.

In discussions with the Repeater Journal editor, and our mutual concern for adequate coverage for the entire SC state, I have volunteered, beginning with the August issue, to provide coverage for the entire state of South Carolina.

To do this, I am going to need your help. I would ask that you club newsletter editors place my name on your mailing list. Information officers of various clubs should send me news about your club, happenings and things you are doing.

We'll be happy to take pictures too.

I will compile all this and present to the editor on my deadline.

Will you help me? Let's put South Carolina and the hams back in the Repeater Journal. With your news and assistance, I'll see that it gets sent in. Wayne, K4MOB has assured me that it will get in the Journal.

See column head above for my address information.

"Lo Country News"

The Charleston Amateur Radio Society's Charleston Hamfest was a great success. There seems to be a rumour that the Hamfests Are getting smaller, but you can't tell it by the Charleston Hams. There were more dealers and more flea market this year than ever before. The Hamfest was held at Stall High School in N. Charleston on Sat. Feb. 10. If you didn't attend you missed a good time and a lot of fellowship.

* * * * *

It looks like there will be some new packet people in the Charleston area soon. Some of the locals are getting together and putting up the equipment. It has been a long time in the planning stage, but like many things, someone gets "around toit" and there is lots of help when they get started.

* * * * *

The CARS club has purchased a new TS-570D Kenwood for the clubhouse on the Yorktown. When the ops desk is finished it will be available for visiting hams to operate from. Permission from CARS will be required. In the meantime it will be used for Field Day and Special event Stations.

The School kids and a few local Hams in Charleston are looking Forward to talking to the MIR Satelite. One of the Local schools is on the final selection list. Preparation is getting under way. They are looking for a portable or Moveable Sat tracking antenna for the Contact. Anyone with info or an antenna contact Glenn Little (803) 797-1867 or Roloand Crane (803)884-5614.

* * * * *

New Linking systems are in the planning stage for several 2 Meter and 70cm repeaters in the Lowcountry. Here's one system up and running! The KI4CB 145.470 Repeater in Myrtle Beach and the 147.375 in Georgetown are now linked. This provides solid linking coverage mobile along the coast from Shallotte, NC to McClellanville,SC, a distance of about 80 miles. The linking is accomplished using 440 band remote bases. In traveling the coast, please use these repeaters. They are for ALL Amateur Radio Operators. Any comments would be appreciated.

The plans and Equipment are standing by for the UHF Backbone repeater for Kingstree to provide linking for this corner of the state. All that is needed is a Tower Crew - Any Volunteers? Call Jack Wood (803) 448-4462. KI4CB.

* * * * *

Don't forget, I am soliciting news and information statewide for the next Repeater Journal. My deadline to the editor is July 1, so I will need your information to me, at least a week or so prior to that. Any questions, give me a call at (803) 871-4368. Ed..

GENE FEGELY, K3EJG Covers North Carolina News in Every issue of the SERA *Repeater Journal.*

1997 Bluefield Hamfest

ARRL Sanctioned

Fortieth Year!

Sunday, June 15, 1997

9 a.m. till 3 p.m.

FCC Exams 9 a.m. Bluefield State College

www.inetone.net/erarc/hamfest.html

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Or email wa4k@amsat.org

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8:00 AM TO 3:00 PM

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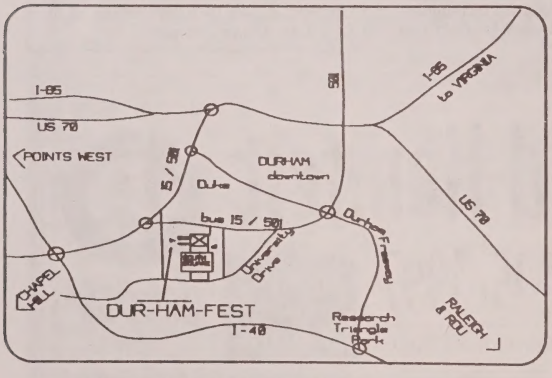

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KM4UO DESIGN

Get the Hammer!

And let's get technical

-by Randy McKenzie, KB4YFV
3661 AIRPORT RD. - HILLSVILLE, VA 24343
E-mail: rsmckenzie@juno.com

Greetings! My name is Randy McKenzie, KB4YFV. In this column I hope to relate some technical tips and tricks I have picked up, as well as the "fun" of maintaining a radio system.

I am an Electronic Technician Senior for the Virginia State Police, Communications Division, assigned to the Fourth Division as a Field Tech. They call us "radio techs." I travel all over western Virginia maintaining the State Police and several other state agency radio systems, as well as two ham repeaters of my own. I also have worked as a broadcast engineer for several of the local stations and teach part time for Wytheville Community College. I have been a ham for ten years.

My winter project has been getting a six meter repeater built for White Top Mountain. After several battles with mother nature, I finally put it on the air a couple of weeks ago. White Top is the second highest point in Virginia. Elevation 5400 ft. All is working well on 53.65/52.65 with split antennas separated thirty feet vertically! I also have a two meter simplex tied to the six on 146.565 (PL 103.5). So far so good. I'll keep you posted. I plan on relating the "Battle of White Top" in a later issue. I also have a repeater on Beamer's Knob in Carroll County, near Hillsville Virginia on 442.125/447.125 (PL 103.5).

In the upcoming issues, I want to pass along technical notes on commercial gear becoming available with modifications for ham use. I am currently converting Aerotron Mega's to six meters. I plan on covering GE Master II, GE Delta and Ranger, Motorola Micor, and others. I also want to address issues such as repeater maintenance and construction tips.

Questions may be sent directly to me at my E-mail address or postal address. All questions will be read, space may prevent answering all of them in the column. I intend the information for all hams, not just repeater owners.

Ham radio should be fun ! I will relate stories of fun and strange events I hear about. I recently had this one come along: Our State Police base station near Norton Virginia had a cell phone channel interfering with it. Our Motorola Micor station receives on 155.445 mhz.

The cell was on frequency and no spurs. Both of our base stations (main and standby) had the same problem. To override the cell it took two micro volts of signal. I removed the receive antenna. Still there. I disconnected the transmit antenna. Still there. I checked every parameter of the receiver: Sensitivity, Selectivity, PL decoder, IF frequencies, nothing found out of line. I swept the receive crystal off frequency and the cell faded out. I swapped Xtal icoms. No change. I even took the spectrum analyzer in and looked at the IF for modulation. None found. How in the world is this cell getting into this receiver? I called all the other guys. My supervisor and I went back a couple of days later. We literally stripped this receiver down to bare boards, looking for anything. Nothing found ! How could a 800 mhz signal get into our VHF receiver? I asked several hams, none of them had an idea. Frequency mixing somewhere was the only logical solution. Head hurting. Aspirin. I need one !

Squelch pot. We replaced the squelch pot with a new one. No cell phone. The squelch pot was bad. It still worked but after all these years of use, evidently it was letting the cell be rectified and kicked the squelch open on the station. A dollar part ! The cell site is about 250 feet away. Live and learn.

I have discovered several "rules" that cover any radio system:

1. If it is designed, built, maintained, and used by humans, it will screw up!
2. Mess with something long enough and you will break it !
3. Hit it hard enough and you will find the loose connection and weak part of the circuit board. Break out the soldering iron.
4. After you have done everything humanly possible to get the radio to work, plug it in .
5. Murphy's Law will multiply by ground elevation and distance from needed parts.
6. A ten pound sledge hammer is considered a "precision alignment tool"

Til next issue. I invite you to write me. My address is above.

Help Us Help You!

Did you know you could add to the coverage of your area? Your repeater, your club, other activities might make a good news items for the Repeater Journal. Most all SERA States now have State news Correspondents. All you have to do is contact them. They'll tell you how you can send news, or send them your newsletters. We all deserve a little publicity. Are you doing what can be done with your club? Contact your local Journal State News Correspondent - send him news.

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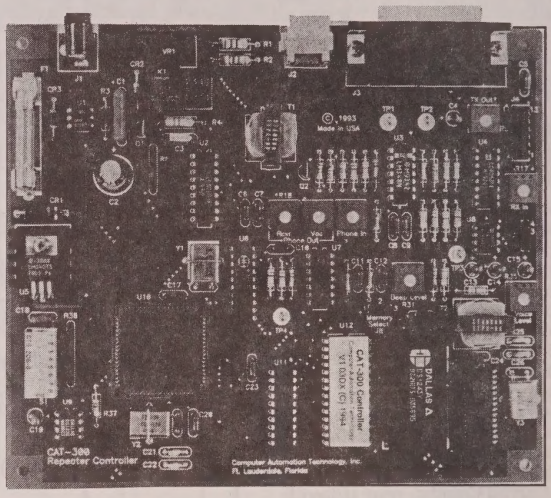

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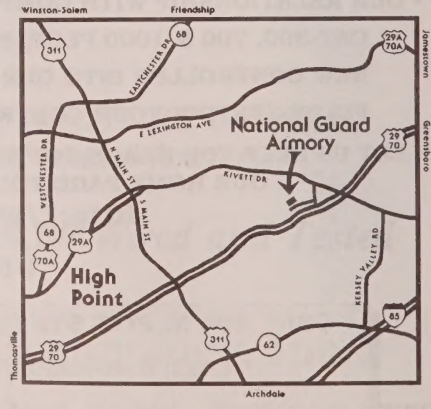

THE SERA OFFICIAL REPEATER INDEX

FOR: NORTH CAROLINA, TENNESSEE, VIRGINIA, WEST VIRGINIA KENTUCKY, SOUTH CAROLINA, GEORGIA, AND MISSISSIPPI

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SERA will not be responsible for incorrect or ommitted listings. The responsibility of correct listings of those of the actual repeater owner or sponsor. We make every effort to keep the index as accurate as possible with information provided. The SERA Repeater lists contain certain repeaters which are NOT coordinated or not operating according to recognized frequency utilization plans.

SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by SERA.

Some repeaters allow voice as well as other functions on their machine. Generally the second function is indicated, but it does not necessarily mean the machine is solely operated in that mode. Operators may check with owners for information. Repeaters with normal input/output (pairs) are listed in the regular FM repeater index and their opertion of Packet is indicated with "K". For tone-accessed repeaters, the codes column contains the tone or access code only for those repeaters which the owner or trustee has given us written permission to publish.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Please work with your coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROPOSED" showing in the codes column.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements.

SERA VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
220 MHz.	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz.	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010	145.030
	145.050	145.070	145.090	145.510	145.530	145.550	145.570
	145.590	145.610	145.630	145.650	145.670	145.690	145.710
	145.730	145.750	145.770	145.790			
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
	222.350 - 222.450 (222.400 Center) - High speed digital channel (100 KHz wide)						
	223.800 - 223.900 (223.850 Center) - High speed digital channel (100 KHz wide)						
440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

NOTE: Digital operators are reminded to check with their local Digital/Packet Societies or organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage.

REPEATER INDEX LISTINGS BY STATE - BY CITY

Listings Correct as of Apr. 17, 1997

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640	-	LT118.8	*
CONYERS	AI8H	29.680	-	O	*
DALTON	N4BZJ	29.680	-	AL	*
#MACON	KF4XH	29.620	-	UNCOORD.	*
MONROE	KQ4XL	29.620	-	PROPOSED	N

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	LT118.8	*
AUGUSTA	NA4I	53.030	-	BLP	*
#BISKEY MTN	KC4JNN	53.050	-	UNCOORD.	N
BOLINGBROKE	KC4ZIZ	53.430	-	B	*
CARTERSVILLE	WB4AEG	53.070	-	PR	*
CLEVELAND	N4RBT	53.170	-		N
#CONYERS	WB4JEH	51.550	+	UNCOORD.	*
CONYERS	WB4JEH	53.550	-	LT151.4	*
CRAWFORD	KD4FVI	53.330	-	ET88.5	*
DALTON	N4BZJ	53.130	-		*
DECATUR	KA4UFM	53.390	-	PROPOSED	*
LAKE PARK	KB0Y	53.890	-	T141.3	*
#MACON	KF4XH	53.390	-	UNCOORD.	*
MARIETTA	KF4BMG	53.250	-	PROPOSED	*
PINE LOG MT.	KE4PN	53.290	-	L	*
WATKINSVILLE	KD4AOZ	53.570	-	T	*

2 METERS

ADAIRSVILLE	WD4IWL	146.685	-	PL	*
ALBANY	W4MM	146.700	-	A	N
ALBANY	W4MM	146.730	-		N
ALBANY	W4MM	146.820	-		N
AMERICUS	WD4EBB	147.270	+		N
ATHENS	WA4BKF	146.745	-	P	*
ATHENS/CRAWFORD	K4TQU	147.375	+	P	*
ATL/UNION CITY	WA4UPE	146.625	-	BEP	N
ATLANTA	W4AQL	145.150	-	PEB	*
#ATLANTA	WB6RTH	145.190	-	UNCOORD.	*
ATLANTA	W4IBM	145.290	-	BEP	*
ATLANTA	W4DOC	145.350	-	BT146.2	*
ATLANTA	K4LCI	145.430	-	P	*
ATLANTA	WB4QGR	146.640	-	T	N
ATLANTA	W4DOC	146.820	-	BEPT146.2	*
ATLANTA	WB4RTH	147.105	+	TY100.0	*
ATLANTA	K4JPD	147.195	+	T	N
ATLANTA/AIRPORT	W4REI	147.030	+		*
ATLANTA/BELL	W4PME	145.410	-	BEP	*
ATLANTA/GPCO	WA4VBX	147.285	+		*
ATLANTA/MARIETTA	N4NFP	146.655	-	ABLRT118.8	*
ATLANTA/MARIETTA	N4NEQ	147.345	+	ELRP118.8	*
ATLANTA/SWEAT MT	KD4NC	146.730	-	LK	N
AUGUSTA	KK4HL	145.110	-	AB	N
AUGUSTA	NA4I	145.290	-	BEP	*
AUGUSTA	AA4UA	145.370	-	AB	N
AUGUSTA	NA4I	145.410	-	BLP	*
AUGUSTA	W4DV	145.490	-	B	*
AUGUSTA	NA4I	146.985	-	BELPT100.0	*
AUGUSTA	NI4S	147.120	+	P	*
BAINBRIDGE	KE4RWR	147.090	+	PROPOSED	N
BALDWIN	WD4NHW	147.180	+	A	*
BLAIRSVILLE	K5PRE	146.955	-		*
BONAIRE	KM4DT	147.015	+	T82.5	*
BOSTON	W4UCJ	147.195	+	ABE	*
BRUNSWICK	K4TVE	146.730	-	A	N
CALHOUN/JASPER	KC4AQS	146.805	+	PLBR	*
CARROLLTON	W4FWD	146.640	-	BET131.8	*
CARTERSVILLE	N4GIS	147.015	-	BERP	*
CEDARTOWN	W4CMA	147.120	+	P	*
CHULA	KF4BPW	147.285	+	BT103.5	N
CLARKESVILLE	K4HCA	147.120	+	BEP	*
CLEVLND/LONG MTN	WB4HIG	146.910	-	A	N
COCHRAN	N4MXC	145.110	-	ABET107.2	*
COLBERT	N4ALE	147.300	+		*
COLUMBUS	W4CVY	146.610	-	A	*
CONYERS	WB4JEH	145.230	-	LT151.4	*
CONYERS	WB4JEH	146.610	-	ABLT151.4	*
CONYERS	KF4GHF	147.210	+	BEPT162.2	*
CORDELE	KB0Y	145.230	-	PROPOSED	*
CORDELE	KA4WUJ	145.490	-	BT103.5	*
COVINGTON	WA4ASI	146.925	-	AL	*
COVINGTON	WA1KMS	147.270	+	BT127.3	*
CUMMING/SAWNEE	K4BYK	147.150	+	PL	N
DAHLONEGA	N4KHQ	146.835	+	BPRT100.0	*
DALLAS	W4RPO	146.850	-	PE	N
DALLAS	WD4LUQ	146.895	+	BRT77.0	*
DALTON	KS4BS	145.230	-	A	N
DALTON	N4BZJ	147.135	+	ABELRT100.0	*
DECATUR	W4BQC	145.450	-		*
DONALSONVILLE	KD4ORB	147.375	+	T	N
DOUGLAS	K4SES	147.045	+		*
DOUGLASVILLE	KR4HV	145.110	-	BPT88.5	*
DOUGLASVILLE	WA4CLC	147.360	+		*
DUBLIN	WA4HZX	147.360	+	AB	*
EATONTON	KC4YHM	147.090	+	ABERT179.9	*
ELBERTON	N4UJT	146.625	-		N
ELLIJAY/TALONA M	KC4ZGN	146.985	-	ABT77.0	*
EMERSON	AE4JO	147.240	+	BET103.5	N
FAYETTEVILLE	W4PSZ	145.210	-	PE	*
FAYETTEVILLE	KB4VAG	146.685	-	BP	*
FAYETTEVILLE	WD4LYT	147.165	+	BPT	N
FOLKSTON	KD4GEY	146.790	-	AE	N
GAINESVILLE	W4ABP	146.670	-	BEPT131.8	*
GRIFFIN	K4HYB	145.390	-	P	N
GRIFFIN	K4HYB	146.910	-		N
HARTWELL	WA4RBS	146.895	-	BT100.0	*
HELEN	W4MMQ	147.390	+	AB	*
HINESVILLE	KF4UM	147.015	+	ABE	*
IRWINTON	WB4NFG	147.240	+	ABT77.0	*
IVEY	K4YC	145.250	-	BT	N
JASPER	KB4IZF	145.370	-	BPT100.0	*
JASPER	W4OOM	146.700	-		*
JESUP	WA4EQL	145.190	-	B	N
JESUP	KA4EIM	145.430	-	A	*
JESUP	N4PJR	146.925	-	P	N
JESUP/SCREVEN	N4PJR	147.345	+	O	N
JONESBORO	WA4DIW	145.170	-	BE	*
JONESBORO	WA4OGE	145.330	-	E	N
KIBBEE	K4HVK	146.820	-	T	*
KINGSLAND	KC4WWU	147.285	+	PROPOSED	N
LAFAYETTE	KB4VAK	147.375	+	ABRT77.0	*
LAKE PARK	KB0Y	147.135	+	BLT141.3	*
LAVONIA	K4NVG	146.715	-	BEPT100.0	*
LAWRENCEVILLE	WB0QGH	145.190	-	BT82.5	*
LAWRENCEVILLE	WD4JXR	147.075	+	EP	*
#LINCOLNTON	KT4N	147.120	+	UNCOORD.	N
LOOKOUT MTN.	W4FGQ	145.350	-	ABT146.2	*
LOOKOUT MTN.	KS4QA	146.760	-	ABT67.0	*
MACON	W4BKM	145.370	-		N
MACON	W4BKM	146.660	-	NBP	N
MACON	KC4ZGR	146.805	-	ABERT77.0	*
MACON	N3SM	146.895	-	AT123.0	*
MACON	WA4DDI	147.060	+	T	*
#MACON	KF4XH	147.165	+	UNCOORD.	*
#MADISON	WB4DKY	146.865	-	UNCOORD.	*
MARIETTA	W4LMA	145.490	-	PE	*
MARIETTA	N4NFP	146.775	-	BLRPT118.8	*
MARIETTA/ATLANTA	W4BTI	146.880	-	BEPT100.0	*
MILLEDGEVILLE	KF4LT	145.150	-	PT100.0	*
MILLEDGEVILLE	WB4DOJ	146.700	-	AT67.0	*
MILLEDGEVILLE	K4FRM	147.135	+	BLT123.0	N
MORGANTON	N4NEQ	147.165	+	PROPOSED	N
MOULTRIE	WD4KOW	146.790	-		*
NEWNAN	K4SEX	145.130	-	BEPT111	N
NEWNAN	K4SEX	146.790	-	BEPT111	N
#NORTH ATLANTA	KR4KS	147.315	+	UNCOORD.	N
PEMBROKE	WB4CJB	147.075	+	A	N
PERRY	AB4MS	145.290	-	BT107.2	*
PERRY	AC4MU	146.955	-	AB107.2	*
QUITMAN	WA4NKL	146.880	-		*
RICEBORO	KF4UM	145.470	-	ABE	*
RINGGOLD	W4ABZ	146.715	-	BLPT67.0	N
ROME	WB4YSV	147.300	+		N
ROME/MT. ALTO	W4VO	146.940	-	BP	*
ROSWELL	N4CLA	147.060	+	PE	N
SANDERSVILLE	KT4X	145.270	-	AT77.0	N
SAVANNAH	KK4TO	146.700	-	BEP	N
SAVANNAH	N4TBP	146.850	-	BE	N
SAVANNAH	W4HBB	146.880	-	AB	N
SAVANNAH	W4HBB	146.970	-	AB	N
SAVANNAH	KK4TO	147.210	+	EP	N
SAVANNAH	KK4TO	147.330	+	BEP	N
ST SIMONS ISLAND	N4XGI	145.330	-	BT131.8	*
STONE MT	W4BQC	146.760	-	T107.2	*
STONE MTN	WD4KDT	147.255	+	BT110.9	N
SUMMERVILLE	KA4LVY	147.225	+	AB	*
SWEAT MT/MARIETT	N4CLA	145.470	-	PE	N
THOMASTON	W4OHH	147.390	+	BP	N
THOMASVILLE	W4UCJ	147.060	+		*
#THOMASVILLE	KD4POG	147.240	+	UNCOORD.	N
THOMSON	KC4GSS	146.835	-	A	*
TOCCOA	KA4DIP	147.330	+		*
VALDOSTA	K4OY	145.130	-	BLRT141.3	*
VALDOSTA	KF4BJM	146.760	-	ABERT141.3	*
WALESKA/PNLGMT	KE4PN	145.270	-	L	*
WARM SPRINGS	KN4FE	146.985	-	BE	N
WARNER ROBINS	KF4KVE	146.850	-	BP	N
WARNER ROBINS	WB4BDP	147.180	+	ABL	*
WARNER ROBINS	AC4MU	147.300	+	ABER107.2	*
WATKINSVILLE	KD4AOZ	147.045	+	T	*
WAYNESBORO	WD4COL	145.230	-		N
WRENS	KB4NA	146.775	-		*
WRIGHTSVILLE	WA4RVB	146.940	-	ABR	N

220 MHZ

ACWORTH/ATL	N4MTA	224.320	-	BEPT100.0	*
ACWORTH/ATL	N4MTA	224.500	-	BEPT100.0	*
ALPHARETTA	NX9O	224.580	-	BPR	*
#ALPHARETTA	WB6RTH	224.840	-	UNCOORD.	*
ALPHARETTA	KC4JNN	224.860	-	ABELRT100.0	N
ATL/MARIETTA	N4NEQ	224.440	-	BLRPT118.8	*
ATLANTA	W4DOC	224.340	-	BT146.2	*
ATLANTA	W4DOC	224.560	-	BT146.2	*

MORE GEORGIA REPEATERS

ATLANTA	KK4C	224.820 -			*
ATLANTA-NE	KC4OVY	224.200 -	BRPT100.0		*
ATLANTA/BELL	W4PME	224.620 -	BEP		*
ATLANTA/MARIETTA	N4NFP	224.120 -	ABLRT118.8		*
ATLANTA/MARIETTA	N4NEQ	224.220 -	BT		*
ATLANTA/MARIETTA	PT2RFL	224.960 -	BEPRT100.0		*
AUGUSTA	AA4UA	224.200 -	AB		N
AUGUSTA	WB4KXO	224.940 -	P		*
BALDWIN	WS4F	224.100 -			N
BISKEY MTN	KC4JNN	224.160 -	ABELRT100.0		N
CARTERSVILLE	N4GIS	224.600 -	BERP		*
CLEVELAND	N4RBT	224.380 -	PR		N
#CONYERS	WB4JEH	224.020 -	UNCOORD.		*
CUMMING	K4JSR	224.980 -	PL		N
DALLAS	N4YDX	224.180 -	BL		N
DALLAS	N4YEA	224.540 -	BP		*
DALLAS	KE4ZTA	224.700 -	BEPR		*
DALTON	N4BZJ	224.360 -	ABT		*
DALTON	N4BZJ	224.460 -	T118.8		*
DALTON	N4BZJ	224.680 -			*
DALTON	N4KVC	224.740 -	ERT		*
FORT MOUNTAIN	KD4JBQ	224.920 -	ABERT		N
GAINESVILLE	W4ABP	224.460 -	PROPOSED		*
#LOGANVILLE	WB6RTH	224.640 -	UNCOORD.		*
MACON	W4BKM	224.660 -			N
MARIETTA	KE4QFG	224.260 -	PROPOSED		*
MARIETTA	W4LMA	224.900 -	PE		*
NORCROSS	KE4IPX	224.480 -			*
PINE LOG MTN	KE4AIS	224.520 -	BEPR		*
ROCKMART	KC4KLW	224.780 -			N
SNELLVILLE	KR4KS	224.920 -	T		N
STONE MT	W4BOC	224.760 -			*
VALDOSTA	KB0Y	224.460 -	BLPRT141.3		*
WALESKA	KD4ALC	224.140 -	PROPOSED		N
WALESKA	N4GIS	224.940 -	BERP		*
WARNER ROBINS	AC4MU	224.840 -	ABER		*
WATKINSVILLE	KD4AOZ	224.420 -	T		*
YORKVILLE	WD4LUQ	224.880 -	BRT77.0		*

440 MHZ

ACWORTH	KC4YNF	441.800 +	T77.0		*
ALBANY	W4MM	444.500 +			N
ALPHARETTA	WB6RTH	442.000 +	ABEKL		*
ATHENS	AA4AI	442.950 +	PROPOSED		N
ATHENS	WB4VNT	443.300 +	RT		*
ATL/MARIETTA	N4NFP	442.800 +	LT		*
ATLANTA	WA4NMF	442.025 +	T100.0		*
ATLANTA	WA4CNG	442.100 +	PROPOSED		N
#ATLANTA	WB6RTH	442.225 +	UNCOORD.		*
ATLANTA	WB5TUF	442.525 +	RT		*
ATLANTA	KE4PVE	442.675 +	BLT100.0		*
ATLANTA	WA4NMF	443.025 +	LT100.0		*
ATLANTA	WB5TUF	443.450 +	PROPOSED		*
ATLANTA	KE4ZV	443.650 +	BLT100		N
ATLANTA	KD4LXT	443.875 +	BEP		N
ATLANTA	W4DOC	444.450 +	BT146.2		*
ATLANTA	WB5TUF	444.500 +	T123.0		*
ATLANTA	W4DOC	444.825 +	BT146.2		*
ATLANTA/BELL	W4PME	444.150 +	BEPT		*
ATLANTA/MARIETTA	PT2RFL	442.875 +	BEPRT100.0		*
ATLANTA/MARIETTA	N4NFP	443.800 +	BLRPT118.8		*
ATLANTA/MARIETTA	N4NEQ	444.050 +	BT118.8		*
ATLANTA/MARIETTA	N4NEQ	444.775 +	ABLRP118.8		*
AUGUSTA	AA4UA	444.400 +	AB		N
AUGUSTA	NA4I	444.900 +	BLP		*
BALDWIN	WD4NHW	442.350 +			*
BARNESVILLE	N4GWO	443.675 +			N
#BISKEY MTN	KC4JNN	443.250 +	UNCOORD.		N
BRUNSWICK	KD4CPO	443.425 +	A		N
BRUNSWICK	K4TVE	444.975 +	O		N
BUFORD	NZ3I	442.900 +	BPT103.5		*
BYRON	KF4XH	443.150 +	E		*
CALHOUN/JASPER	KC4AQS	443.375 +	BP		*
CARROLLTON	AE4GU	444.075 +	BPT107.2		*
CARROLLTON	AE4GU	444.800 +	ABPRT107.2		*
CEDARTOWN	KD4EKZ	443.400 +	T123.0		*
CEDARTOWN	KD4NTF	443.575 +	OBPT107.2		*
CHATSWORTH	N4OGF	443.000 +			*
CHESTER	KD4IEZ	444.525 +	BLT156.7		*
CLARKESVILLE	K4HCA	442.425 +	B		*
CLAYTON	K4DKI	442.825 +	T		N
CONCORD	WB4GWA	443.400 +	118.8		N
CONYERS	WB4JEH	442.550 +	LT151.4		*
CONYERS	N4EMM	442.750 +	RP		N
CONYERS	KB2DZA	443.750 +	PROPOSED		*
CONYERS	WB4JEH	444.550 +	LT151.4		*
CONYERS	KC4ELV	444.875 +	BLP		*
COVINGTON	KL7TF	443.750 +	B		N
COVINGTON	KE4PVE	444.175 +	BLT100.0		*
COVINGTON	WA1KMS	444.600 +	BT127.2		*
COVINGTON	WA4ASI	444.800 +	ALT88.5		*
CULLODEN	KE4BB	444.275 +	T123.0		N
DAHLONEGA	N4KHQ	443.100 +	100		*
DALLAS	WD4LUQ	444.700 +	BRT77.0		*
DALTON	N4BZJ	442.175 +	ABET118.8		*
DALTON	N4BZJ	444.500 +	T118.8		*
DALTON	N4BZJ	444.850 +			*
DANIELSVILLE	KE4FHN	442.650 +	AT		N
DECATUR	N3APR	442.200 +	A		N
DECATUR	KA4UFM	443.950 +	BPT110.9		*
DECATUR	W4BOC	444.250 +			*
DOUGLASVILLE	KD4RQJ	444.575 +			*
DUBLIN	KD4FOC	442.600 +	PT77.0		*
DUBLIN	KD4IEZ	443.025 +	LT156.7		*
DULUTH	W4IXN	443.775 +	BT82.5		*
EATONTON	KC4YHM	442.925 +	ABE		*
ELLIJAY	KC4ZGN	442.700 +	AT77.0		*
FLOWERY BRANCH	K4VJM	442.775 +	PROPOSED		N
FOLKSTON	KD4GEY	444.475 +	A		N
FORT MOUNTAIN	KD4JBQ	442.575 +	ABERT		N
GAINESVILLE	W4ABP	442.625 +	BEPT131.8		*
#GAINSVILLE	AE4GU	444.200 +	UNCOORD.		*
GREENSBORO	N4YXL	444.850 +	PROPOSED		N
HAPEVILLE	KC4ENL	442.825 +	T167.9		N
HELEN	W4MMQ	444.350 +	B		*
HIGH PT/LOOKT MT	KB4VAK	443.450 +	ABRT77.0		*
HINESVILLE	KF4UM	444.850 +	PROPOSED		*
IRWINTON	WB4NFG	444.925 +	T77.0		*
IVEY	K4YC	444.650 +	BLT		N
JASPER	W4UWH	443.625 +	PROPOSED		N
JASPER	KB4IZF	444.375 +	BPT103.5		*
JESUP	N4PJR	444.925 +	O		N
JULIETTE	WB4VWM	444.425 +	BLT156.7		*
KENNESAW	WA0HQQ	443.075 +	BT		*
LAKEMONT	N4ZRF	444.750 +	BKT		*
LAVONIA	K4NVG	442.475 +	BPT203.5		*
LAWRENCEVILLE	WB0QGH	442.850 +	BT82.5		*
LAWRENCEVILLE	WB4QDX	444.000 +	T10030		N
LAWRENCEVILLE	WA4NMF	444.025 +	LT100.0		*
LOOKOUT MTN	KS4QA	442.650 +	BT146.2		*
MABLETON	KE4MLW	442.325 +	ABET		*
MACON	K4VTT	442.275 +	ABELRT100.0		*
MACON	N4IWK	442.875 +	PT		N
MACON	K4ZTZ	443.075 +	BLT156.7		*
MACON	W4BKM	444.100 +			N
MARIETTA	N1KDO	442.050 +	PT107.2		*
MARIETTA	KE4QFG	442.375 +	PT		*
MARIETTA	WA4OKJ	442.600 +	EPT100.0		*
MARIETTA	N4MTA	443.500 +	BEP		*
MARIETTA	KF4BMG	443.750 +	T156.7		*
MARIETTA/ATL	KE4QFG	442.725 +	PT100.0		*
MILLEDGEVILLE	WB4DOJ	444.700 +	LT156.7		*
MONROE	KD4WOU	443.825 +	T123.0		*
MONROE	K4QXL	443.925 +	PROPOSED		N
MT. VERNON	KE4PMP	442.500 +	PROPOSED		N
NEWNAN	KE4PVE	444.350 +	PROPOSED		*
#NORTH ATLANTA	KR4KS	442.250 +	UNCOORD.		N
PEACHTREE CITY	N4YTR	444.675 +	BEP		N
PENDERGRASS	KE4PVE	444.125 +	PROPOSED		*
PERRY	AC4MU	444.950 +			*
QUITMAN	WA4NKL	444.600 +	T127.3		*
REX	KB4NPO	443.975 +	PROPOSED		N
RINGGOLD	WA4LJU	443.925 +	PR		N
ROCKMART	KC4KLW	443.275 +	ABT179.9		N
ROCKMART	KC4KLW	443.525 +	N		N
ROSWELL	W8BLA	442.075 +	AT		N
ROSWELL/BELL	N4SE	442.150 +	T		*
ROSWELL/BELL	W4PME	443.150 +			*
SAVANNAH	KK4TO	442.700 +			N
SAVANNAH	WD4AFY	444.000 +	B		N
SMYRNA	N4IBW	444.650 +			N
SNELLVILLE	NE1H	442.450 +	T		*
SNELLVILLE	NE1H	443.050 +	T		*
SNELLVILLE	WD4JXR	444.525 +	PT		*
ST MARYS	KM4DXS	444.900 +	PROPOSED		N
ST SIMONS ISLAND	N4XGI	442.950 +	PROPOSED		*
STOCKBRIDGE	N4JMD	443.325 +	PT		N
SWEAT MT/MARIETT	N4CLA	444.475 +	EP		N
TRENTON	N4ZKI	442.475 +	B		*
TUCKER	KF4LNY	442.500 +	PT		*
VALDOSTA	KB0Y	444.350 +	BLPRT141.3		*
VALDOSTA	KF4BJM	444.700 +	ABET141.3		*
WALESKA	N4GIS	443.175 +	BERP		*
#WALESKA	KE4PN	443.850 +	UNCOORD.		*
WARM SPRINGS	N4JRR	442.400 +	BE		N
WARNER ROBINS	AC4MU	442.900 +			*
WARNER ROBINS	WB4BDP	444.225 +	EP		*
WATKINSVILLE	KD4AOZ	444.725 +	T		*
WOODSTOCK	KE4SJO	444.225 +	PROPOSED		N

920 MHZ

DALTON	N4BZJ	919.100 -	T		*
#SAVANNAH	WA4VHP	923.000 -	UNCOORD.		*

1270 MHZ

ATLANTA	WB5TUF	283.450 -	PROPOSED		*
ATLANTA/BELL	KB4KIN	292.000 -			*

ATV REPEATERS

ATL/MARIETTA	N4NEQ	427.250 +	VR		*
ATLANTA/BELL	W4ZTL	421.250 +	V		*
DALTON ATV	N4BZJ	421.250 +	V		*
SAVANNAH	KK4TO	421.250 +	BV		N
SAVANNAH	WA4VHP	427.250 +	BRTV		*

KENTUCKY

6 METERS

ASHLAND	KF4DTJ	53.010 -			*
HIGHLAND HEIGHTS	AD4CC	53.330 -	ABR		*
LAWRENCEBURG	N4EQT	53.130 -	PROPOSED		*
LEXINGTON	KE4LGL	53.570 -	P		*
MONTICELLO	N4TPL	53.070 -	T100.0		N
#SOMERSET	KA4UHL	53.270 -	UNCOORD.		*

2 METERS

ALLEN	K4ICN	147.300 +	ALR		*
ASHLAND	KA4OIL	146.940 -	P		N
ASHLAND	KF4DTJ	147.240 +	PT107.2		*
ASHLAND	WA8KWH	147.330 +	A		N
BARDSTOWN,NELSON	WB4GGH	145.470 -			*
BEREA	KI4B	146.715 -	B		*
BLACK MOUNTAIN	N4UDV	147.210 +	BT103.5		*
BOWLING GREEN	WD4MNI	147.165 +	B		*
BOWLING GREEN	KA4CFW	147.330 +	B		N
BOWLING GREEN-SO	WD4MNI	146.655 -	L		*
BROOKS	W4BDC	146.700 -	BELPRT151.4		*
CANE VALLEY	WA4UXJ	146.640 -	A		*
#CENTRAL CITY	WF4N	145.390 -	UNCOORD.		*
CORBIN	WD4KWV	146.610 +	P		*
COVINGTON	WA8PBW	147.390 +	A		N
CRESTWOOD	WD8ACR	147.390 +	PT151.4		*
DANVILLE	WD4DZC	146.655 -	A		*
DORTON	KC4KZT	146.895 +	ART167.9		*
DRAKESBORO	KF4DKJ	146.820 -	BPT		N
#ELIZABETHTOWN	N4UL	145.350 -	UNCOORD.		N
ELIZABETHTOWN	W4BEJ	146.980 -	ABL		N
FARMINGTON	W4GZ	147.240 +			*
FLORENCE	KJ4BV	146.895 -	ALR100.0		*
FRANKFORT	KC4KDZ	145.390 -	BEP		*
FRANKFORT	KC4AI	147.240 +	T100.0		N
#GEORGETOWN	N4CO	147.675 -	UNCOORD.		N
#GLASGOW	KY4X	146.940 -	UNCOORD.		*
GRAYSON	KF4JO	146.700 -			N
GREENVILLE	WA4TTC	146.745 -	P		N
GRETHEL	KJ4VF	147.045 +	LRP		*
GUTHRIE	KA4NNE	146.805 -	L		N
HALLS GAP	WD8PRH	145.170 -	AL		*
#HAWESVILLE	K9ZK	147.105 +	UNCOORD.		N
HAZARD	K4VHF	146.670 -	B		*
HAZARD	WD8PRH	146.805 -	AL		*
HENDERSON	W4KVK	145.490 -			N
#HENDERSON	K4DPP	146.970 -	UNCOORD.		*
HIGHLAND HEIGHTS	W4YWH	146.790 -			*
HIGHLAND HEIGHTS	K4CO	147.255 +	PT123.0		*
#HODGENVILLE	KC4TX	147.315 +	UNCOORD.		*
HOPKINSVILLE	KF4FO	146.710 -	BR		N
HOPKINSVILLE	KD4ULE	147.030 +	AT103.5		*
IRVINE	WB4AIA	146.820 -	BELRPT192.8		*
IRVINE	AD4RU	147.015 +	BEP		*
IRWINE	WB4AIA	147.225 +	UNCOORD.		*
IRVINGTON	WB4VVH	146.940 -	AE		*
JACKSON	WA4MXO	145.410 -	A		N
#JOHNATHAN CREEK	N4SEI	146.985 -	UNCOORD.		N
LAWRENCEBURG	N4EQT	146.955 -	BT192.8		*
LEESBURG	KC4UPE	145.110 -	BPT192.8		N
LEXINGTON	KC4ZY	145.250 -	P		N
LEXINGTON	KC4TX	145.450 -	P		N
LEXINGTON	WB4CWF	145.490 -	PROPOSED		N
LEXINGTON	KE4ISR	146.685 -	AB		N
LEXINGTON	AC4AO	146.730 -			N
LEXINGTON	K4KJQ	146.760 -	PE		*
LEXINGTON	WA4HBM	147.165 +			*
LEXINGTON	KJ4VF	147.195 +	AB		*
LEXINGTON/GRGTWN	WD8PRH	145.210 -	L		*
LONDON	KC4ZFH	147.285 +	BT		N
LOUISA	N8QCW	147.390 +	BRT186.2		*
LOUISVILLE	WD8PRH	145.230 -	L		*
LOUISVILLE	WD4ELX	145.290 -	R		N
LOUISVILLE	W4PF	146.880 -	P		*
LOUISVILLE	W4PJZ	147.030 +	BERPT151.4		*
LOUISVILLE	N4HMC	147.070 +	BEPT151.4		*
#LOUISVILLE	KA4KMT	147.120 +	UNCOORD.		N
LOUISVILLE	W4CN	147.180 +	PE		*
LOUISVILLE	KQ9Z	147.360 +	A		*
LOUISVILLE AREA	N4RBL	145.130 -	BT151.4		N
LYNN GROVE	KA4BLZ	146.895 -	PT210.7		N
MADISON CO RACES	KD4PWK	146.865 -	A		*
MADISONVILLE	KC4FRA	146.610 -	AB		*
MAYSVILLE	WA4WMM	145.470 -	BEP		*
MIDDLESBORO	W4PPM	146.775 -			N
MONTICELLO	N4TLK	145.150 -	BP		*
MONTICELLO	N4TPL	147.375 +	BRT100.0		N
MOREHEAD	KJ4VF	145.130 -	LRP		*
#MOREHEAD	K4GFY	146.910 -	UNCOORD.		N
MT. STERLING	WD4KNE	147.330 +	B		*
MURRAY	K4MSU	146.940 -	BP		*
#NEBO	AA4NI	146.730 -	UNCOORD.		N
#NICHOLASVILLE	WB4LBI	146.990 -	UNCOORD.		N
OWENSBORO	KN4KQ	146.685 -	AB		*
OWENSBORO	KM4OF	146.865 -	AB		N
OWENSBORO	K4HY	147.210 +	AL		N
PADUCAH	K4CUW	146.655 -	BT		*
PADUCAH	K4CUW	146.760 -	BP		*
PHELPS	KJ4YK	147.090 +	R		*
PIKEVILLE	AD4BI	145.150 -	BR		*
PIKEVILLE	KM4IV	146.850 -	ELR		*
#PINEVILLE	WA4YZY	146.640 -	UNCOORD.		*
PRESTONSBURG	WB4UBY	147.165 +			*
PRINCETON	W4KBL	146.670 -			N
RADCLIFF	W4BEJ	146.925 -	ABL		N
RICHMOND	KE4YVD	145.370 -	BPT192.8		N
ROCKPORT	KD4BOH	145.270 -	ABE		*
SALEM	KC4VXR	147.315 +	BO		*
SALVISA	KC4ZOX	146.835 -	BLPT192.8		N
SALYERSVILLE	KB4SQI	145.190 -	BPRT127.3		*
SHELBYVILLE	KE4LR	147.000 +	BEP		*
SOMERSET	N4AI	146.880 -	BL		*
SOUTH PORTSMOUTH	WD8IFH	145.390 -	BPRT		N
SPRINGFIELD	WA4SJH	147.300 +	ABL		*
STANTON	N4VOS	145.290 -			N
STANTON	WD8PRH	146.970 -	ARC		*
STOMPKINSVILLE	KJ4OG	146.775 -	B		*
VANCEBURG	AE4SK	146.775 -	BEPR		*
VERSAILLES	KF4INN	145.330 -	AB		N
WALTON	K4CO	147.375 +			*
WEBSTER	K4ULW	146.625 -	B		*
WILLIAMSBURG	KD4DAX	145.350 -	AB		N
WILLIAMSBURG	KG4M	147.000 +			*
WINCHESTER	WB4ASZ	147.120 +	EP		*

220 MHZ

ASHLAND	KF4DTJ	223.940 -			*
IRVINE	AD4RU	224.940 -	BEP		*
LANCASTER	KD4RXF	224.560 -	P		*
LEXINGTON	AC4AO	224.420 -	ABEL		N
LEXINGTON	KR4BD	224.800 -			*
LOUISVILLE	KA4MKT	224.300 -	B		N

SERA REPEATER SYMBOLS: - Frequency offset down + Frequency offset up A Autopatch (open) B Emergency Power C Under construction E Emergency Autopatch K Packet Operation L Linked Repeater M T-MARC Territory Repeater NB Not on SERA Freq. Plan O Off Air Temp. P Private Autopatch R Remote Base System T Tone Accessed V Television (SSTB/ATV) Y RTTY Operation # Not Coordinated * Full Member SERA Supporter N Non-Member of SERA

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE KENTUCKY REPEATERS

LOUISVILLE AREA	N4RBL	224.700	-	PROPOSED	N
MIDDLESBORO	AA8NA	224.120	-	T82.5	N
PIKEVILLE	KD4DAR	224.620	+	R	N
#SOMERSET	KA4UHL	224.100	-	UNCOORD.	*
SOMERSET	N4AI	224.300	-	BER	*
SOMERSET	N4AI	224.880	-	BL	*
VERSAILLES	AD4CR	224.220	-	BERP	N

440 MHZ

ALLEN	N4IWZ	444.775	+	AR	*
ASHLAND	KF4DTJ	444.975	+		*
BAGDAD	WB4PQJ	443.850	+	PROPOSED	N
BEATTYVILLE	KC4UPE	444.825	+	BLPRT	N
BOWLING GREEN	WD4MNI	444.100	+	ABL	*
BOWLING GREEN	N5KOL	444.700	+	BT136.5	*
CANE VALLEY	KC4TX	443.950	+	AT	*
CORBIN	WB4IVB	444.900	+	RT100.0	*
DAWSON SPRINGS	KE4SZI	444.275	+	A	*
DORTON	KD4RTR	442.150	+		*
DORTON	KJ4VF	443.250	+	LRP	*
ELIZABETHTOWN	W4BEJ	444.800	+	ABL	N
FLORENCE	KC4COV	443.175	+	ABT192.8	*
FLORENCE	KC4COV	444.175	+	ALRT192.8	*
FORT WRIGHT	KC4KMV	442.525	+	BELPT123.0	*
FRANKLIN	KD4TAH	443.225	+	BP	N
GILBERTSVILLE	W2HR	442.850	+	BEPT103.5	*
GLASGOW	KY4X	444.925	+		*
GLASGOW/CVCTY	KF4DC	444.250	+		N
GRAEFENBURG	N4HZX	443.550	+	BEPR	*
GRETHEL	KJ4VF	444.525	+		*
HAWESVILLE	KB4QFL	444.625	+	P	N
HENDERSON	KA4NCX	444.725	+	BT203.5	*
HIGHLAND HEIGHTS	W4YWH	444.900	+		*
HOPKINSVILLE	KE4AIF	444.750	+	ABT103.5	*
IRVINE	WB4AIA	442.900	+	BL	*
IRVINE	AD4RU	444.000	+	BEP	*
LATONIA	AA4XV	442.400	+	PT	N
LAWRENCEBURG	N4EQT	443.325	+	B	*
LEWISPORT	KN4KQ	444.550	+	ALR	N
LEXINGTON	KD4ADJ	442.050	+		N
LEXINGTON	KE4OOL	443.025	+	BPT123.0	*
LEXINGTON	KC4ZY	444.125	+	P	N
LEXINGTON	KE4ISR	444.725	+	PT	N
#LEXINGTON	N4DUE	444.950	+	UNCOORD.	*
LOUISVILLE	N4ORL	442.000	+	RP	N
LOUISVILLE	KB4RYM	442.500	+	C	N
LOUISVILLE	WD4ELX	442.550	+	B	N
LOUISVILLE	KB4YJ	442.725	+	BET151.4	N
LOUISVILLE	WD4ELX	443.450	+	LR	N
LOUISVILLE	WD9EQG	443.500	+		*
LOUISVILLE	N4UL	444.100	+	ABELRT173.8	*
LOUISVILLE	N4NMC	444.600	+	BEPT151.4	*
LOUISVILLE AREA	N4RBL	442.100	+	BPT	N
LOUISVILLE AREA	KD4CLR	442.450	+	BPT151.4	*
MADISONVILLE	KC4FIE	442.425	+		*
MADISONVILLE	AE4LW	442.575	+	P	N
MADISONVILLE	KC4FIE	442.775	+	B	*
MADISONVILLE	KC4FIE	444.600	+	P	*
MARION	KR4PF	444.200	+	ABLT100.0	N
MAYSVILLE	N4TZV	443.500	+	BPT123.0	N
META	WB4JBY	443.500	+		N
MIDDLESBORO	AA8NA	442.325	+	T67.0	N
MIDDLESBORO	WB4IVB	444.150	+	T100.0	*
MILLARD	KD4RTR	443.425	+	BP	*
MONTICELLO	N4TPL	443.400	+	BRT100.0	N
MONTICELLO	WB9SHH	444.750	+	BP	N
MOREHEAD	K4GFY	442.500	+		N
MT STERLING	KD4ADJ	442.600	+	P	N
MURRAY	K4MSU	443.800	+	BP	*
NEBO	AA4NI	444.850	+	C	N
NICHOLASVILLE	KC4UPE	444.775	+	PRT167.9	N
NICHOLASVILLE	WB4CWF	444.975	+	CR	N
OLIVE HILL	KO4LI	444.925	+	A	N
PHELPS	N4MVY	444.575	+		*
PIKEVILLE	KD4DAR	444.375	+		N
PIKEVILLE	AD4BI	444.475	+	BR	*
PRESTONSBURG	WB4KUC	444.200	+	BR	N
ROBINSON CREEK	KO4VYX	444.675	+	BR	*
ROCKPORT	KD4BOH	442.675	+	ABE	*
#SALEM	KC4VXR	449.825	-	UNCOORD.	*
SALEM	KC4VXR	444.825	+	T100.0	N
SALVISA	KF4AWA	444.675	+	BT	N
SALVISA	KC4UPE	444.875	+	BPT167.9	N
SALYERSVILLE	KE4NLL	444.050	+	AT	N
SHELBYVILLE	KE4YRE	442.375	+	P	*
SIMPSONVILLE	KO4OT	444.450	+	B	*
#SOMERSET	KA4UHL	443.600	+	UNCOORD.	*
SPRINGFIELD	WA4SJH	444.600	+		*
STANTON	N4VOS	442.075	+	CRP	N
VERSAILLES	KF4INN	443.775	+	P	N
WADDY	KS4TO	443.225	+	P	*
WALTON	K4CO	444.350	+	A	*

ATV REPEATERS

BOWLING GREEN	W4HTB	280.000	-	V	*
BOWLING GREEN	W4HTB	426.250	+	V	*
ELIZABETHTOWN	W4BEJ	421.250	+	V	N

MISSISSIPPI

10 METERS

POPLARVILLE	WA5WRE	29.620	-		N

6 METERS

BYHALIA	N4DRL	53.270	-	LRT	N
ELLISVILLE	N5EKR	53.010	-		N

2 METERS

ACKERMAN	NO5N	147.120	+		N
AMORY	KB5DWX	146.940	-	LT192.8	N
AMORY	KB5DSN	147.090	+		N
BAY ST. LOUIS	WB4FUR	146.700	-		*
BILOXI	KC5IF	146.730	-	AEP	N
BOONEVILLE	WB5UVT	145.190	-	AB	*
BUDE	K5JMD	146.850	-	BT103.5	N
BYHALIA	N4DRL	145.330	-	ABL	N
BYHALIA	N4DRL	147.225	+		*
COLLINS	N5LRQ	146.985	-	BRT136.5	N
CORINTH	WB5VOJ	146.925	-	T107.2	N
CORINTH	K5UFH	147.000	-		N
CORINTH	KB5TGA	147.285	+	ABLR	N
D'IBERVILLE	KC5IF	145.410	-	APER	N
ELLISVILLE	N5EKR	146.955	-		*
ELLISVILLE	N5DWU	146.835	+	T	*
ELLISVILLE	N5DWU	146.865	+	BLT136.5	*
ELLISVILLE	N5DWU	146.895	+	LRT136.5	*
FOREST	AB5SO	147.390	+	BPT100.0	N
GLOSTER	KA5BEE	145.430	-	T136.5	N
GREENVILLE	KG5SF	147.345	+		N
GULFPORT	KK5RK	145.330	-	ABE	N
GULFPORT	KA5VFU	147.375	+		*
HATTIESBURG	W5CJR	145.190	-		*
HATTIESBURG	KA5NNX	145.370	-		N
HATTIESBURG	W5CJR	146.775	-	BT	*
HATTIESBURG	W5CJR	147.360	+	O	*
HERNANDO	K5VV	146.910	-	OA	*
JACKSON	KB5KGE	145.390	-		N
JACKSON	W5AXO	146.760	-		*
JACKSON	K5ONE	146.880	-	ABET100.0	*
JACKSON	KA5SBK	146.940	-	BERT100.0	N
JACKSON	AG5Y	147.000	+	T	*
LAUREL	KB5RQL	146.610	-	BEP	N
LAUREL	KC5RC	147.255	+	B	N
LOUISVILLE	KB5PKU	147.360	+	AB	N
MADISON	KB5RZP	146.640	-		*
MAGEE	K5HYE	146.820	-	B	*
MAGEE	KA5LNY	147.300	+	B	*
MCCOMB	K5JMD	146.940	-	BT	N
MCHENRY	KK5RK	147.330	+	B	N
MENDENHALL	K5HYE	145.110	-	BT100.0	*
MENDENHALL	KB5IKR	145.210	-	PROPOSED	N
MERIDIAN	N5DWU	145.410	-	PROPOSED	N
MERIDIAN	W5FQ	146.700	-	BEP	*
MONTICELLO	N5JHK	147.015	+	AB	N
NATCHEZ	K5SVC	147.360	+	B	N
OCEAN SPRINGS	W5LDD	147.030	+	B	*
OKOLONA	KC5NIX	145.110	-		N
OLIVE BRANCH	KA5WMH	145.350	-	O	N
OXFORD	KC5KLW	145.290	-	PROPOSED	N
OXFORD	NU50	145.470	-	BLT107.2	*
PASCAGOULA	W5WA	145.110	-	AET	N
PEARL/RANKIN CO	KF5IZ	147.150	+	ABET88.5	N
PETAL	N5DWU	145.170	-	LRT136.5	*
PICAYUNE	K5LFP	145.150	-		*
#PICAYUNE	K5LFP	147.180	+	UNCOORD.	*
POLKVILLE	KB5LCL	147.045	+	BLT141.3	N
PURVIS	KB5ZOX	146.670	-		N
RICHTON	N5DWU	145.490	-	PROPOSED	N
RICHTON	N5OCF	147.060	+		N
ROSE HILL	N5LRQ	145.130	-	PROPOSED	*
SHARON	N5ZQC	145.450	-	B	N
SOSO	KB5UIX	147.135	+	T	N
SOUTHAVEN	N5PYQ	145.370	-	BET107.2	N
STARKVILLE	W5VZF	146.730	-		*
SUMRALL	KA5FYW	147.195	+		N
TUPELO	N5VGK	145.490	-	B	N
TUPELO	N5FLS	147.240	+	A	*
UNION	N5SPJ	147.210	+	ABELPT100.0	N
UTICA	N5ZMZ	145.350	-		*
UTICA	N5ZMZ	147.345	+		*
VICKSBURG	WJ5L	145.290	-	AB	N
VICKSBURG	KJ5OB	146.805	-		N
VICKSBURG	WB5YKR	147.270	+	BEPT100.0	N
VOSSBURG	N5DWU	146.925	-	PROPOSED	N
WALLS	N5NBG	145.270	-	PT162.2	N
#WATER VALLEY	WB5QFX	147.000	-	UNCOORD.	N
WAYNESBORO	K5SWM	146.325	-	LRT136.5	N
WAYNESBORO	KB5SAR	147.105	+		*
WAYNESBORO	N5DWU	147.315	+		*
WEST POINT	KC5LIO	147.180	+	AB	*
WIGGINS	KB5DZJ	145.270	-	BP	*
WINONA	N5EYM	146.970	-	A	N

220 MHZ

BYHALIA	N4DRL	224.500	-	AL	N
ELLISVILLE	N5EKR	224.400	-	PROPOSED	N
VICKSBURG	WB5OWY	224.780	-		N
#WARSAW	N4DRL	224.880	-	UNCOORD.	N
WAYNESBORO	KB5SAR	224.140	-	B	N

440 MHZ

AMORY	KB5DSN	444.825	+		N
BYHALIA	N4DRL	444.300	+	ABEL	N
CLERMONT HARBOR	WD5BJT	444.150	+	AL	N
CLINTON	KG5YV	444.000	+	T100.0	*
COLUMBUS	KB5ZZC	444.325	+	PROPOSED	N
DERBY	KB5OXE	443.975	+	PROPOSED	N
ELLISVILLE	N5DWU	442.200	+	BPT167.9	*
ELLISVILLE	N5DWU	442.250	+	BLT167.9	*
ELLISVILLE	N5DWU	442.325	+	BRT	*
GLOSTER	N5ZNS	443.825	+	BE	*
GREENVILLE	AB5PR	444.675	+	P	N
GULFPORT	KK5RK	444.250	+	ABE	N
HATTIESBURG	W5CJR	443.700	+		*
HAZLEHURST	N5ZDF	443.950	+	T100.0	N
HEIDELBERG	KC5RC	444.300	+	BT100.0	N
HICKORY FLAT	WA4ZCD	444.725	+	T179.9	N
JACKSON	KB5KGE	444.325	+		N
JACKSON	KB5LCL	444.450	+	RPT141.3	N
JACKSON	KB5CO	444.600	+	T100.0	*
JACKSON	KB5CO	444.800	+		*
LAUREL	AJ0X	443.500	+	ABER	*
MCCOMB	N5HTQ	444.875	+	T100.0	N
MCHENRY	KK5RK	444.750	+	B	N
MENDENHALL	K5HYE	443.600	+	B	*
MONTICELLO	N5DWU	442.075	+	PROPOSED	N
N.BILOXI/D'IBERV	KC5IF	444.550	+	OAERP	N
NEW ALBANY	WB5YCR	444.150	+	O	*
PEARL	KB5HAV	444.375	+	ABT88.5	N
PETAL	KC5NXB	443.350	+	PT	N
PICAYUNE	KE5LT	443.725	+	T179.9	*
PINOLA	KC5LXF	444.850	+	PROPOSED	N
PORT GIBSON	KC5CLM	444.575	+	T141.3	*
RICHTON	N5OCF	444.625	+	RP	N
ROSE HILL	KB5ZCX	442.875	+	PROPOSED	N
SOUTHAVEN	N5PYQ	444.925	+	OBT107.2	N
STARKVILLE	W5VZF	444.750	+	PR	*
#STENNIS SPACE C	WB4FUR	444.650	+	UNCOORD.	*
TUPELO	N5VGK	444.950	+	BT192.8	N
VICKSBURG	WB5TTE	444.925	+	ABER	*
VOSSBURG	N5LRQ	442.725	+	T167.9	*
WALLS	N5NBG	444.650	+		N
WAYNESBORO	KB5SAR	443.550	+		N
WAYNESBORO	N5DWU	443.900	+	LPT167.9	*
WEST POINT	N5WXD	443.450	+	UNCOORD.	*
WIGGINS	KB5DZJ	443.300	+	B	*

ATV REPEATERS

GAUTIER	KA5NOJ	426.250	+	V	*
GAUTIER	KA5NOJ	911.250	-	V	*

NORTH CAROLINA

10 METERS

NEWPORT	K4GRW	29.660	-	PROPOSED	*
THOMASVILLE	K4AZA	29.680	-	L88.5	*
WENDELL	WB4IUY	29.620	-	BL	N
WILKESBORO	KC4XE	29.620	-	L	*

6 METERS

ASHEVILLE	N4OOC	53.470	-	PROPOSED	N
BARIUM SPRINGS	WA4WRS	53.670	-	PROPOSED	*
CHAPEL HILL	W4UNC	53.450	-	BEPT107.2	*
CHARLOTTE	KC4YOZ	53.390	-	B	N
CLINTON	N4ZHC	53.330	-	BELP	*
EFLAND	WA1YYN	53.410	-	PROPOSED	*
FAYETTEVILLE	W4EBM	53.810	-	BP	*
GASTONIA/CROWDER	N4XTF	53.110	-	ABELR	*
#GRANDFATHER MTN	WA4PXV	53.050	-	UNCOORD.	N
HENDERSONVILLE	WA4FOT	53.130	-	BLT131.8	*
MARS HILL	WB4PLA	53.090	-	B	*
MARSHALL	KD4GEU	53.270	-	PROPOSED	N
MOUNT AIRY	KD4FWS	53.070	-	BEPT100.0	N
MT MITCHELL	KD4LBU	53.290	-	B	*
NEWPORT	K4GRW	53.010	-	PROPOSED	*
#PITTSBORO	KD4JFN	53.230	-	UNCOORD.	*
RALEIGH	WA4PEN	53.250	-	O	N
REELSBORO	KF4IXW	53.090	-	BRT162.2	*
ROCKY MOUNT	N4JEH	53.050	-		*
ROCKY MOUNT	KC4SBJ	53.650	-	PROPOSED	N
SOPHIA/RANDLEMAN	WR4BEG	53.350	-	BL	*
#THOMASVILLE	KE4QOX	53.010	-	UNCOORD.	*
THOMASVILLE	K4AZA	53.170	-	L88.5	*
THOMASVILLE	K4AZA	52.525	+	RT88.5	*
WENDELL	WB4IUY	53.070	-	PROPOSED	N
#WEST JEFFERSON	WA4PXV	53.750	-	UNCOORD.	N
WILMINGTON	AD4DN	53.430	-	BELPT88.5	*
YOUNGSVILLE	KD4MYE	53.370	-	AET88.5	*

2 METERS

AHOSKIE	WA4ZGQ	146.910	-	PT131.8	*
ALBEMARLE	K4OGB	146.985	-	A	*
ANDREWS/ROBBINSV	K4AIH	147.045	-	BELPT151.4	*
ANDSN MT/DENVER	K4ZO	145.170	-		*
AQUADALE	WA4CHZ	147.390	+	A	*
ASHEBORO	KJ4AV	147.255	+	PL	N
#ASHEVILLE	WB4PLA	146.835	-	UNCOORD.	*
ASHVL/MT PISGAH	WA4BVW	146.760	-	B	*
ASHVL/SPIVEY MT	W4MOE	146.910	-	AB	*
BAKERSVILLE	KC4WPM	145.310	-	ABER	N
BANNER ELK/SUGAR	N4WET	146.625	-		N
BEULAVILLE	W4VBH	145.230	-	BP	*
BOONE/RICH MTN	WA4J	147.360	+	ABEL	*
BREVARD	KE4ZIS	147.135	+	BP	*
BROADWAY	K4ITL	147.105	+		*
BURGAW	W4DLH	146.940	-		*
BURLINGTON	K4FHB	146.670	-	AB	*
BURNSVILLE	KD4WAR	146.955	-	ABE	N
BURNSVILLE	KD4WAR	147.375	+	ABE	N
#BUTNER	WA4IZG	146.940	-	UNCOORD.	*
BUXTON	KE4EQJ	146.625	-	B131.8	*
CANTON	KC4ZZC	146.805	+		*
CARTHAGE	W2SE	147.240	+	BP	*
CHAPEL HILL	W4UNC	145.230	-	BLPT131.8	*
CHARLOTTE	W4BFB	145.230	-		*
CHARLOTTE	W4BFB	145.290	-	A	*
CHARLOTTE	W4BFB	146.940	-	A	*
CHARLOTTE	W4CQ	147.060	-	ABE	N
CHARLOTTE	W4CQ	147.270	+	PROPOSED	N
CHERRYVILLE	K4JTX	145.110	-		*
CLAYTON	KO4XC	145.290	-	BPT	*
CLAYTON	WB4IUY	147.390	+	ABELT88.5	N
#CLINTON	K4OAR	146.790	-	UNCOORD.	*
COINJOCK	WN3X	145.290	-	PROPOSED	N
COLUMBIA	KB4TOH	145.110	-	ABELT131.8	*
CONCORD/KANNAP	K4CEB	146.655	-	PB	*
CROSSNORE	KD4GLB	146.700	-	PROPOSED	N
DUNN	N4CJD	146.700	-	P	*
DURHAM	WR4AGC	145.450	-	AL	N
DURHAM	WD4LDB	147.360	+	ABE	N
ELIZABETH CITY	WA4VTX	146.655	-	A	*
FARMVILLE	K4ROK	145.270	-	ABT131.8	*
FAYVLLE/CFARS	WB4YZF	146.910	-	P100	*
FAYVLLE/FT BRAGG	W4LPL	147.330	+		*
FOREST CITY	WA4BKU	146.670	-		*
FOREST CITY	W4SIJ	147.240	+	AT123.0	*
FRANKLIN	NT4K	145.490	-		N
FRANKLIN	W4GHZ	147.240	+	T151.4	N
GASTONIA/CROWDER	K4GNC	146.805	-	ABELR	*
GASTONIA/SPCR MT	W4REW	147.120	+	P	N
#GIBSONVILLE	WB4IKY	145.490	-	UNCOORD.	*
GOLDSBORO	K4CYP	146.850	-	PT	*
GREENSBORO	K4SNI	146.610	-	A	N
GREENSBORO	W4GG	147.030	+	PL	*

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE NORTH CAROLINA REPEATERS

GREENSBORO	W4BUZ	147.210	+	
GREENSBORO/BSUM.	N4GGD	146.760	-	AE
GREENSBORO/LVLX	N4GGD	145.250	-	BE
GREENSBORO/UNCG.	N4GGD	145.290	-	AE
GREENVILLE	WD4JPQ	145.350	-	ABELT131.8
GREENVILLE	KC4UMO	147.375	+	UNCOORD.
GREENVL/ESTN NC	W4GDF	147.090	+	
GRIFTON	W4NBR	146.685	-	L
HATTERAS ISLAND	KE4ZTD	145.150	-	ABELT131.8
HAW RIVER	KD4JFN	145.310	-	UNCOORD.
HENDERSONVILLE	WB4YAO	146.640	-	ABL
HENDERSONVILLE	WA4KNI	147.105	+	A
HENDSVL/BERWLW M	WA4KNI	145.270	-	A
HENDSVL/PENIC/MT	WA4KNI	147.255	+	A
HICKORY/BRT. MT	WA4DSZ	146.850	-	
HIGH PEAK MTN.	K4OLC	145.210	-	BL
HIGH POINT	N4XO	145.410	-	A
HIGH POINT	N4NNR	146.835	+	PL
HIGH POINT	KF4HFS	147.165	+	BP
HILLSBOROUGH	WR4AGC	147.225	+	AL
HICKSONVILLE	KA4SQN	145.190	-	B
HICKSONVILLE	WD4FVO	147.000	-	ABE
JEFFERSON	KK4X	147.300	+	AT103.5
JANNAPOLIS	N4JEX	147.300	+	PROPOSED
JINSTON	W4OIX	145.470	-	A
LAURINBURG	KI4RR	146.625	-	BEP
LELAND	N4CTJ	145.170	-	A
LENOIR/HIBRITN	KN4K	147.330	+	
LEXINGTON	K4IZM	146.910	-	BEP
LINCOLNTON	AD4LI	147.015	+	
LUMBERTON	W4NHV	145.150	-	UNCOORD.
LUMBERTON	W4NHV	147.045	+	PROPOSED
LUMBERTON	KD4PBK	147.165	+	PT88.5
LUMBERTON	W4PET	147.360	+	BP
MACO	WA4LED	147.060	+	BEP
MADISON	WA4IXW	147.345	+	R
MANTEO/WANCHESE	KC4VM	146.940	-	ALE
MIDWAY	KM4AR	145.270	-	
MILLERS CREEK	N4GGN	146.715	-	A
MONROE/UCARS	N4ZVN	145.390	-	BEP
MORGANTON	K4VLY	147.150	+	
MOUNT AIRY	N4VRD	145.330	-	A
MOUNT AIRY	AC4NZ	146.940	-	T100.0
MOUNT AIRY	N4XRY	146.970	-	EP
MT MITCHELL	WA4BVW	145.190	-	B
MURPHY/STALCUP	KE4EUH	146.865	+	BT151.4
NEW WILKESBORO	N4AGN	145.370	-	P
NAGS HEAD/BODIE	K4UOR	146.835	-	AE
NEW BERN	WD4JMS	146.610	-	ALT100.0
NEWPORT	K4GRW	145.450	-	AB
NEWTON	K4ZO	147.075	+	ABERT71.9
OXFORD	N4NCK	145.170	-	P
OXFORD	N4NCK	145.370	-	UNCOORD.
PIKEVILLE	KK4YP	145.330	-	
RALEIGH	W4ATC	145.130	-	T
RALEIGH	K4BWC	145.490	-	EP
RALEIGH	W4DW	146.640	-	ABE
RALEIGH	K4BWC	146.730	-	BEP
RALEIGH	KD4RAA	146.775	-	UNCOORD.
RALEIGH	WB4TQD	146.880	-	L
RALEIGH	KD4MYE	147.015	+	BEP
RALEIGH	WB4TQD	147.150	+	P
RALEIGH	KO4CW	147.195	+	UNCOORD.
RALEIGH BENSON	AK4H	147.270	+	BEP
RANDLEMAN/GBO	WD4CVM	145.130	-	L
RED SPRINGS	W4MZP	147.300	+	BP
REIDSVILLE	KE4YVP	146.850	-	BELP
ROANOKE RAPIDS	AA4SJ	147.030	+	BEPR
ROARING GAP	WB4PZA	146.820	-	
ROCKINGHAM	KF4FOI	146.955	-	ABE
ROCKY MOUNT	WN4Z	147.120	+	PE
ROSEBORO	K4ITL	145.390	-	
SALISBURY	W4EXU	146.730	-	ELRT94.8
SURATOWN MT	W4RXG	145.110	-	OY
SURATOWN MT	W4NC	145.470	-	BT100
SURATOWN MT	KK4AT	146.790	-	EPRT107.2
SURATOWN MT	K4MPJ	147.315	+	BPRT100.0
THALLOTTE	K4PPD	145.370	-	BEP
THALLOTTE	K4PPD	147.315	+	BEP
THALLOTTE	K4PPD	147.390	+	BEP
THELBY	W4NYR	146.880	-	N
THELBY	W4NYR	147.345	+	P
THMITHFIELD	KD4JQ	146.970	-	A
TOUTHPORT	K4JYH	146.775	-	BP
TPARTA/GREEN MT	K4QFQ	145.430	-	L
TATESVILLE	KE4WSX	146.685	-	BEP
TATSVL/ASBRY MT	KO4BU	147.045	+	
TWANSBORO	KO4S	146.760	-	A
THOMASVILLE	K4AZA	147.000	+	T88.5
TRENTON	WB4TQD	145.210	-	L
TWADESBORO	W4USH	146.835	-	A
TWASHINGTON	WA4TEP	147.345	+	A
TWAXHAW	WA4ZRS	146.865	+	BEP
TWAYNESVILLE	N4SM	147.270	+	A
TWAYNESVILLE	KE4JMH	147.390	+	P
TWHITEVILLE	W4NTQ	147.210	+	AE
TWILLIAMSTON	KA4KNU	145.410	-	ABLT131.8
TWILMINGTON	AD4DN	146.670	-	ABET88.5
TWILMINGTON	W4VNK	146.730	-	AB
TWILMINGTON	K4GMP	146.820	-	BLT88.5
TWILMINGTON	KM4GN	147.135	+	
TWILMINGTON	N4CTJ	147.180	+	ABET88.5
TWILSON	WB4THL	146.760	-	AB
TWILSON	WA4UQC	147.300	+	ABELRT88.5
TWINSTON-SALEM	W4NC	146.640	-	ABLT100
TYADKINVILLE	N4YSB	147.015	-	BP
TYOUNGSVILLE	KD4MYE	145.110	-	ABE88.5

220 MHZ

ANDREWS/ROBBINSV	K4AIH	224.880	-	BLT
ASHEVILLE	WB4PLA	224.600	-	B
ASHVL/MT PISGAH	WA4BVW	224.260	-	B
BARIUM SPRINGS	WA4WRS	224.300	-	O
CANTON	N4DWU	224.820	-	BP
CHARLOTTE	W4BFB	224.400	-	A
CHERRYVILLE	K4JTX	224.960	-	P
EDEN	WA4WGY	224.780	-	ABELR
EFLAND	WA1YYN	224.660	-	PROPOSED
FAYETTEVILLE	W4EHF	224.560	-	L
GOLDSBORO	AA3CH	224.960	-	ELPT156.7
GREENSBORO	WR4BEQ	224.140	-	K
GREENSBORO	WB4GUG	224.440	-	T107.2
GREENSBORO	AD4BX	224.820	-	AR
#GREENSBORO	N4QVI	224.960	-	UNCOORD.
GRIFTON	WA4DAN	224.840	-	BL
GRIMESLAND	WB4PAC	224.360	-	
HAW RIVER	KD4JFN	224.620	-	ART107.2
HENDSVL/BERWLW M	WA4KNI	224.240	-	
HIGH POINT	KC4UKL	224.600	-	
HILLSBOROUGH	WA4WTX	224.260	-	L
JACKSONVILLE	KA4SQN	224.320	-	C
LENOIR/HIBRITN	KN4K	224.160	-	
LOCUST	WA4ZIA	224.480	-	PL
MARS HILL	WB4PLA	224.660	-	B
MARSHALL	KA4TYO	224.360	-	T
MORGANTON	WB4PML	224.800	-	
MT MITCHELL	WA4BVW	224.540	-	B
OXFORD	N4NCK	224.740	-	
PLYMOUTH	KB7BTU	224.760	-	PROPOSED
RALEIGH	WA4PEN	224.640	-	ABE
RALEIGH	W1IFL	224.920	-	C
ROCKY MOUNT	NF4D	224.220	-	AR
ROCKY MOUNT	KR4AA	224.580	-	
SALISBURY	W4EXU	224.760	-	L
SAURATOWN MT	W4RXG	224.700	-	OY
SAURATOWN MT	W4RXG	224.880	-	O
SHELBY	W4NYR	224.060	-	
SHELBY	KC4ZTJ	224.460	-	P
SUNSET BEACH	N4LV	224.660	-	A
THOMASVILLE	KF4NI	224.340	-	ALT88.5
TRENTON	WA4DAN	224.720	-	B
WENDELL	KD4WJD	224.800	-	RPT88.5
WILMINGTON	KM4GN	224.200	-	RPT
WILMINGTON	K4YNY	224.500	-	LRT88.5
#WINSTON-SALEM	WA4RQF	224.580	-	UNCOORD.
WINSTON-SALEM	WA4RQF	224.640	-	RP

440 MHZ

ANDREWS/ROBBINSV	K4AIH	443.650	+	BLT
ANDREWS/ROBBINVL	WD4NWV	442.600	+	BT151.4
APEX/RALEIGH	W4DW	444.950	+	OA
ARCHDALE	KC4SVQ	443.300	+	AR
ASHEBORO	WD4ICX	442.325	+	PROPOSED
ASHEBORO	KQ4ML	444.975	+	O
#ASHEVILLE	KE4WMN	442.025	+	UNCOORD.
ASHEVILLE	KD4GEU	442.650	+	
ASHEVILLE	N4DWT	444.900	+	B
AUBURN	N4ZCM	442.275	+	
BAKERSVILLE	KM4GR	442.750	+	O
BREVARD	KA7JXU	442.850	+	B
BURLINGTON	WB4IKY	443.025	+	AT107.2
BURNSVILLE	KD4WAR	443.650	+	PROPOSED
CANTON	KE4UIU	443.475	+	PROPOSED
CARY	KD4RAA	442.675	+	BRT100.0
CHAPEL HILL	W4UNC	442.150	+	BET131.8
CHAPEL HILL	W4UNC	443.475	+	BEPT131.8
CHARLOTTE	W4CQ	444.450	+	B
CHARLOTTE	W4BFB	444.600	+	AT100.0
CHARLOTTE	KD4IL	444.675	+	
CHARLOTTE	W4CQ	444.850	+	B
CLINTON	N4ZHC	441.700	+	BEPT131.8
COLUMBIA	KB4TOH	443.300	+	BL
CRAB CREEK TWP	KB4PQA	443.125	+	BLPR
DALLAS/CHARLOTTE	WA1WXL	444.950	+	BLT136.5
DALLAS/CLT	KC4YOZ	443.850	+	BLT100.0
DURHAM	W4NC	444.100	+	AL
EDEN	WA4WGY	443.975	+	
EFLAND	WA1YYN	442.050	+	PROPOSED
#ELIZABETH CITY	WA4VTX	444.300	+	UNCOORD.
FAYETTEVILLE	WB4YZF	444.400	+	100HZ
FLATTOP MNT/AVL	N4OOC	444.475	+	ABL
FOREST CITY	KC4YOQ	444.400	+	
G'BORO/H'POINT	WD4PQZ	443.500	+	ABLRT77.0
GASTONIA/CROWDER	KC4ZTI	443.750	+	ABELR
GASTONIA/CROWDER	KE4GTM	444.150	+	ABELR
GASTONIA/CROWDER	KC4YQT	444.750	+	ABELR
GASTONIA/SPCR MT	WB4VTE	444.550	+	P
GIBSONVILLE	WB4IKY	444.350	+	T107.2
GOLDSBORO	AA3CH	443.050	+	ELT156.7
GRAHAM	KD4GWH	443.725	+	BT156.7
GRAINGERS	WD6GMQ	443.250	+	
#GRANDFATHER MTN	WA4PXV	443.575	+	UNCOORD.
GRANTSBORO	KR4LO	444.350	+	B
GREENSBORO	WG4R	442.725	+	LR
GREENSBORO	KD4DNY	443.650	+	
GREENSBORO	KD4DNY	444.475	+	B107.2
GREENVILLE	WB4PMQ	444.800	+	
#HAMLET	WA4ZIA	443.200	+	UNCOORD.
HAW RIVER	KD4JFN	443.775	+	ABERT107.2
HENDSVL/BERWLW M	WA4KNI	444.250	+	
HIGH POINT	KF4HFS	443.900	+	B
HIGH POINT	KD4JFN	444.025	+	AT107.2
JACKSONVILLE	KA4SQN	444.675	+	C
KANNAPOLIS	N4JEX	443.250	+	
KANNAPOLIS	N4JEX	443.350	+	PROPOSED
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOORD.
KINSTON	N4HAJ	444.575	+	BTP88.5
LAKE GASTON	KF5TU	442.350	+	PT100.HZ
LENOIR/CAJAH MTN.	N4EUX	443.525	+	B
LEXINGTON	N4TZD	442.425	+	T
LEXINGTON	K4AE	442.925	+	T
LINCOLNTON	WA4YGD	442.350	+	AER
LOCUST	WA4LBT	443.700	+	PL
LUMBERTON	WB4DVN	444.625	+	B
MCLEANSVILLE	WB4GUG	444.125	+	T
MIDDLESEX	NE4J	444.650	+	BLT179.9
MONROE	N4ZVN	444.425	+	PROPOSED
MORGANTON	KC4QZL	443.800	+	BT
MOUNT AIRY	N4XRY	444.925	+	
MT AIRY/FSH PK	KF4UY	444.825	+	ABLRT100.0
MT MITCHELL	N4DWU	443.600	+	B
NEW BERN	WD4JMS	444.900	+	BT100.0
NEWPORT CCARS	KF4AAT	444.375	+	UNCOORD.
NEWTON	KE4KIV	442.625	+	PROPOSED
NEWTON	K4ZO	444.075	+	AEL
OXFORD	KC4WXA	444.600	+	
PIKEVILLE	KK4YP	443.000	+	PROPOSED
PINEY KNOB	KC4KPW	443.875	+	BLT123.0
PITTSBORO	WB4MMY	442.550	+	PT
PITTSBORO	KD4JFN	444.750	+	ABERT107.2
POLKVILLE	KC4ZTJ	444.975	+	P
#RALEIGH	KO4CW	442.850	+	UNCOORD.
RALEIGH	WA4NNA	443.125	+	
RALEIGH	N4ZCM	443.225	+	BPT
RALEIGH	W1IFL	443.375	+	
RALEIGH	WA4PEN	444.525	+	ABET88.5
RALEIGH	W4ATC	444.775	+	
RALEIGH	KD4RAA	444.875	+	BEPRT162.2
REIDSVILLE	K4YEC	444.800	+	T107.2
RESEARCH TRI PK	KD4IHW	444.675	+	
RICH SQUARE	KD4ITB	443.400	+	BL
ROANOKE RAPIDS	KK4VM	444.550	+	OA
#ROARING GAP	KC4XE	443.550	+	
ROCKY MOUNT	N4JEH	444.700	+	BP
ROUGEMONT/RED MT	WA4WTX	443.275	+	ABR
#SALISBURY	N4MME	444.650	+	UNCOORD.
SANFORD	W4RNR	442.375	+	B
SAURATOWN MT	KR4YR	443.100	+	LT107.2
SAURATOWN MT	WB4GUG	443.400	+	T107.2
SELMA	KK4YP	444.000	+	BP
SOPHIA/RANDLEMAN	WR4BEG	443.075	+	BL
SPINDALE	KC4IEV	443.300	+	T123.0
STATESVILLE	N4VZZ	443.450	+	A
SUNSET BEACH	N4LV	442.625	+	
TAYLORSVILLE	KF4CYI	442.950	+	ABET173.8
TAYLORSVL/BARR M	K4OLC	444.050	+	PROPOSED
THOMASVILLE	K4AZA	442.900	+	LT88.5
WAYNESVILLE	KE4JMH	444.450	+	BP
WENDELL	KD4WJD	442.400	+	BPR
WEST JEFFERSON	WA4PXV	442.375	+	
WHITAKER MTN	WA4QFV	444.325	+	B
WILKESBORO	KE4DGP	442.475	+	ALT107.2
#WILLIAMSTON	KA4KNU	444.350	+	UNCOORD.
WILMINGTON	KM4GN	442.200	+	RPT
WILMINGTON	K4YNY	442.500	+	ABLRT88.5
WILMINGTON	AD4DN	443.400	+	BT88.5
WILMINGTON	KM4GN	443.950	+	
WILMINGTON	KM4GN	444.200	+	
WILMINGTON	KM4GN	444.450	+	
WILMINGTON	KM4GN	444.650	+	
WILMINGTON	K4GMP	444.850	+	B
WILSON	WB4IUY	442.300	+	PROPOSED
WILSON	NE4J	444.900	+	BL
WINSTON-SALEM	W4NC	444.275	+	C
WINSTON-SALEM	KQ4LO	444.725	+	BPT107.2
#WINSTON-SALEM	WA4RQF	444.775	+	UNCOORD.
YADKINVILLE	N4AAD	442.800	+	AT100.0
YOUNGSVILLE	KD2LH	443.200	+	ABLT88.5

1270 MHZ

GASTONIA/CROWDER	KE4GTM	292.820	-	ABELR
GREENSBORO	KB4SXY	291.400	-	O

ATV REPEATERS

CHARLOTTE	W4PPN	421.250	+	V
#CHARLOTTE	W4PPN	253.250	+	UNCOORD.
DURHAM TV HILL	KJ4SO	421.250	+	V
GREENSBORO	KQ4A	421.250	+	V
#SHELBY	W4NYR	427.250	+	UNCOORD.
WENDELL	WB4IUY	427.250	+	PROPOSED

SOUTH CAROLINA

10 METERS

SUMTER	KQ7E	29.660	-	BLR
RKY RDG/WALLACE	KA4ABW	29.600	-	R

6 METERS

BLYTHEWOOD	N0WFL	53.010	-	PROPOSED
GILBERT	KD4GYM	53.270	-	BLT162.2
PICKENS	WB4YXY	53.410	-	O
SUMTER	KQ7E	53.770	-	PROPOSED

2 METERS

ADAMS RUN (CHAS)	KD4TXX	147.345	+	BL
AIKEN	KY4S	145.170	-	A
AIKEN	N4ADM	147.285	+	P
ANDERSON	N4SZ	146.970	-	BP
ANDERSON/SAS MT	W4FVV	146.790	-	B
BAMBERG	WA4DFP	145.330	-	
BARNWELL	KF4CVO	147.030	+	B
BEAUFORT	KD4KOJ	145.310	-	
BEAUFORT	KD4KOJ	146.655	-	AB
#CANADYS	WB4FOH	145.390	-	UNCOORD.
CHARLESTON	WA4USN	145.250	-	AL
CHARLESTON	WA4USN	146.790	-	AL
CHARLESTON	KC4UDD	146.835	-	ABL
CHARLESTON AREA	KF4ADK	147.345	+	B

SERA REPEATER SYMBOLS: - Frequency offset down + Frequency offset up A Autopatch (open) B Emergency Power C Under construction E Emergency Autopatch K Packet Operation L Linked Repeater M T-MARC Territory Repeater NB Not on SERA Freq. Plan O Off Air Temp. P Private Autopatch R Remote Base System T Tone Accessed V Television (SSTB/ATV) Y RTTY Operation # Not Coordinated * Full Member SERA Supporter N Non-Member of SERA

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE SOUTH CAROLINA REPEATERS

CHESTER	AC4IP	146.625	-	KPRT	N
CHESTERFIELD	KF4GPE	147.135	+	AE	*
COLUMBIA	N0YVN	145.190	-	PROPOSED	N
COLUMBIA	KC4GYM	145.270	-	BPT127.3	*
COLUMBIA	KF4GHC	147.330	+	BLPT156.7	*
DILLON/PEE DEE	NN4N	146.745	-		*
ELLOREE	KC4WIF	146.610	-	ABT118.8	N
FLORENCE	W4ULH	146.850	-	A	*
FLORENCE	W4GEY	146.970	-	A	*
FORT JACKSON	KF4GHC	146.775	-	BLPT156.7	*
#FORT MILL	AA4SC	147.180	+	UNCOORD.	*
GAFFNEY	KN4RG	145.470	-	B	*
GEORGETOWN	KI4CB	147.375	+		N
GILBERT	KF4GHC	145.430	-	BLPT156.7	*
GREENVILLE	W4IQQ	146.940	-	T7	*
GREENVILLE	K4LEO	147.375	+	T	N
GREENWOOD	KE4ZIU	147.165	+	BP107.2	*
GRNVLE/CSRS HD	W4NYK	146.610	-	P	*
GRNVLE/PARIS MT	W4NYK	146.820	-	P	*
HILTON HEAD	W4ILN	147.240	+		*
INMAN	WD8OXE	145.150	-	P	N
LANCASTER	W4PAX	146.700	-	P	*
LANCASTER	AC4VT	147.240	+	AT114.8	N
LAURENS	KD4HLH	146.865	-	T107.2	*
LEESVILLE	KF4CMD	147.255	+	ABT123.0	*
LEXINGTON	KE4VD	145.210	-	PR	N
LEXINGTON	KA4FEC	147.390	+	B	*
LUCKNOW/BISHOPVL	KA4ABW	146.925	-	ABL	*
MARION	W4YLT	147.000	-	E	N
MONCKS CORNER	WD4NUN	147.150	+	BETY	*
MT PLEASANT	K4ESG	146.760	-	BPT	N
MYB BCH/BRKSVIL	N4LV	147.285	+		*
MYR BCH/CONWAY	W4GS	145.110	-	AB	*
MYR BCH/CONWAY	KI4CB	145.470	-	BE	*
MYRTLE BEACH	W4GS	147.120	+	AB	*
N. AUGUSTA	K4FKJ	146.730	-	B	*
N. MYRTLE BEACH	KF4APS	147.030	+	B	*
#N. SPARTANBURG	N4UZT	147.315	+	UNCOORD.	*
NEWBERRY	KB4CO	146.685	-		N
ORANGEBURG	WM3O	146.805	-	ABLT	*
#ORANGEBURG	WB4FOH	146.880	-	UNCOORD.	N
ORANGEBURG	KF4ATU	147.090	+	T156.7	*
PAGELAND/HIPOINT	KA4ABW	146.895	-	ABLR	*
PICKENS	KF4FOF	146.700	-		N
PICKENS	WB4YXZ	147.000	-		*
RKY RDG/WALLACE	KA4ABW	145.490	-	A	*
ROCK HILL	K4YTZ	147.030	-	BEP	*
SANTEE	W4DTW	147.225	+	B	*
#SENECA/LONG MT	WA4JRJ	147.270	+	UNCOORD.	*
SIMPSONVILLE	WD4BJY	146.730	-		*
SPARTANBURG	K4JLA	147.090	+	A	*
ST. MATTHEWS	AD4U	146.670	-	ABT156.7	*
SUMMERVILLE	WA4HNK	147.180	+		*
SUMTER	K4JR	145.130	-		*
SUMTER	KB4CIH	146.640	-		N
SUMTER	KO7E	147.015	+	BPT156.7	N
UNION	KO4YFB	147.255	+	BEP	*
WHITE HALL	W4BWZ	146.910	-	B	*
#WHITE OAK MTN	WD4MGM	147.285	+	UNCOORD.	*

220 MHZ

CHARLESTON	KA4NRL	224.180	-	BP	N
COLUMBIA	KC4GYM	224.560	-	PROPOSED	*
COLUMBIA	KC4SWI	224.640	-	BP	N
CROSS	KB4VFD	224.580	-	O	N
FLORENCE	N4JJ	224.940	-	BP	N
GREENVILLE	W4ILV	224.200	-	A	*
GRNVL/DOWNTOWN	W4NYK	224.920	-	88.5	*
LITTLE MTN	K4RWN	224.520	-	PB	N
ORANGEBURG	KO4BR	224.780	-	OBP	N
PICKENS	WB4QHF	224.400	-	BP	N
PICKENS/CSRS HD	WB4QHF	224.140	-	LR	N
PICKENS/SASFR MT	KJ4X	224.320	-	B	*
SUMTER	KB4CIH	224.120	-		N
SUMTER	K4GYR	224.860	-		N
WEST SPRINGS	KN4CW	224.440	-	BP	N

440 MHZ

AIKEN	AC4WW	443.400	+	BT	N
BLYTHEWOOD	N0YNV	444.000	+	PROPOSED	N
CHARLESTON	N4MNH	444.300	+	AB	*
CLEMSON UNIV	KD4KAO	444.625	+	BLPT156.7	*
COLUMBIA	KC4GYM	442.075	+	BT156.7	*
COLUMBIA	KF4GHC	444.200	+	BLPT156.7	*
COWPENS	KE4EAN	443.625	+	ABT136.5	*
EASLEY/SAS MTN	AC4RZ	444.925	+	BPT103.5	N
FORT MILL	WB4TWX	443.475	+	AB	*
GAFFNEY	KN4RG	444.800	+		*
GREENVILLE	KB4PQA	442.250	+	BRP	*
GREENWOOD	KE4ZIU	443.900	+	BPT107.2	*
GRNVLE/PARIS MT	ND4N	443.350	+	P	*
LANCASTER	KC4AC	444.100	+	OA	*
LAURENS	KB4YF	443.775	+	BT141.3	*
MOUNTAIN REST	AE4PZ	442.775	+	BT162.2	*
MYB BCH/BRKSVIL	N4LV	444.525	+		*
MYR BCH/CONWAY	W4GS	444.675	+	AB	*
MYRTLE BEACH	W4GS	444.575	+		*
NORTH CHARLESTON	KC4UDD	444.600	+	AB	*
ORANGEBURG	WM3O	444.975	+	AB	N
PICKENS/CSRS HD	WB4QHF	442.400	+	T127.3	N
#RKY RDG/WALLACE	KA4ABW	447.050	-	UNCOORD.	*
SUMMERVILLE	KE2D	442.300	+	BRT	*
SUMMERVILLE	WA4HNK	443.800	+		*
SUMTER	KO7E	444.150	+	BEPRT123.0	N
SUMTER	K4GYR	444.500	+	P	N

1270 MHZ

BLYTHEWOOD	N0WFL	292.000	-	PROPOSED	N

ATV REPEATERS

GOOSE CREEK	N4CNN	421.250	+	PROPOSED	N
LEXINGTON	N4GUP	421.250	+	V	N

TENNESSEE

GREENEVILLE	WB4NKM	222.058	-	BEACON	*

10 METERS

#GALLATIN	W4CAT	29.640	-	UNCOORD.	*
GALLATIN/BNA	WB4ZSA	29.640	-	PROPOSED	N
GREENEVILLE	WB4NKM	29.640	-		*
MEMPHIS	W4ZJM	29.620	-	BLT*#	*

6 METERS

COOKEVILLE	WA4UCE	53.190	-	O	*
GALLITAN	WA4BGK	53.050	-	LRT114.8	*
GREENEVILLE	WB4NKM	53.010	-		*
KNOXVILLE	N4OQJ	53.550	-	OT	*
KNXVL/ENG MT	WB4IOB	53.150	-	A	*
MCNAIRY	NU5O	53.350	-	BLT107.2	*
MORRISTOWN	KQ4E	53.230	-		*
NASHVILLE	WA4BGK	53.010	-	T114.8	*
NASHVILLE	N4ARK	145.210	-	BR	*
ROAN MTN	KD4SQB	53.310	-	B	*

2 METERS

ANDERSON CTY	KF4BVQ	146.700	-	ABT	N
ARNOLD A.F.B.	KC4FV	147.195	+	PROPOSED	*
ATHENS	WA4PNI	145.310	-	BT141.3	*
ATOKA	KC4SBK	147.330	+	BP	*
BENTON	K4SIR	145.450	-	T	N
BLOUNTVILLE	WA4CBX	147.000	+	B	*
BRISTOL	W4UD	146.670	-	BP	*
BRISTOL/HLSTN MT	K4JP	146.760	-	A	N
BROWNSVILLE	KD4AOK	146.655	-	AB	*
BRUCETON	NU5O	145.170	-	BLT107.2	*
BUCKSNORT	NU5O	145.430	-	BLT107.2	*
CARLISLE	KT4WS	145.250	-	B	N
CARTHAGE	N4OTT	145.190	-		*
CHATTANOOGA	K4CMY	145.130	-		*
CHATTANOOGA	W4AM	145.290	-		*
CHATTANOOGA	W4AM	145.390	-	A	*
CHATTANOOGA	W4AM	146.610	-		*
CHATTANOOGA	W4AM	146.790	-	A	*
CLARKSVILLE	WD4SGA	147.000	+		N
#CLARKSVILLE	AA4TA	147.390	+	UNCOORD.	N
CLEVELAND	W4GZX	146.925	-	AB	*
CLEVELAND	KD4NEB	147.105	+	ABLT88.5	*
CLEVELAND	WD4DES	147.180	+	A	*
COLLEGEDALE	KA6UHV	147.000	+	BP	*
COLLIERVILLE	N4DRL	147.030	-		N
COLLIERVILLE	N4DRL	147.030	+		N
COLUMBIA	KF4ADU	147.120	+	AB	N
COOKEVILLE	K4JP	145.110	-	ABL	N
COOKEVILLE	WA4UCE	145.430	-	AB	*
COOKEVILLE	N4WS	147.210	+	AER	*
CROSSVILLE	AC4AA	146.865	-	AB	*
CUMBERLAND CITY	WD4DBJ	145.330	-		N
DANDRIDGE	WD4EGD	146.895	-	EBPRT	N
DAYTON	K4PHT	147.345	+	B	N
DAYTON/RHEA CTY	K4DPD	147.390	+	B	*
#DECATUR-PONE KB	W4RJC	145.150	-	UNCOORD.	N
DICKSON	KN4HL	147.375	+	BP	N
DOVER	N4VIH	145.410	-		*
ERWIN/PINNACLE	N4WXS	145.250	-	ABER	N
ERWIN/UNICOI	KF4BRS	147.165	+	ABE	*
FAYETTEVILLE	KA4WOG	147.030	+	BP	*
FRANKLIN	W4XS	145.150	-		*
FRUITLAND	NU5O	146.775	-	BLT107.2	*
GALLATIN	N4SSB	145.130	-	T107.2	N
GALLATIN	WD4BKY	147.240	+	BLT114.8	*
GALLATIN	WA4YQC	147.270	+	BLPT114.8	*
GALLATIN	W4CAT	147.300	+	ABT114.8	N
GRAY	WD4SBX	145.110	-	T103.5	N
GREENBRIER	WO4E	147.075	+	BT107.2	N
GREENEVILLE	W4CUJ	145.390	-	B	N
GREENEVILLE	WB4NKM	145.410	-		*
GRNVLE/VIKING MT	KB4UG	147.060	+	R	N
GTLBG/COVE MTN	WA4KJH	146.850	-	LE	*
HARRIMAN	KA4QYI	146.640	-	T100.0	*
HENDERSON	K4TC	147.105	+	BET	*
HENDERSONVILLE	WB4WZK	145.270	-	PT	*
HOBBS HILL	NO4Y	145.410	-	T114.8	N
HUMBOLDT	NO4Y	145.350	-	ALT107.2	N
HUNTINGDON	KB4YTM	146.835	-	ABE	*
JACKSON	KE4CES	145.230	-	A79.7	*
JACKSON	KF4SC	145.310	-	A	*
JACKSON	W4WKZ	147.210	+	A	*
JACKSON	WB0TMC	147.270	+		N
JAMESTOWN	K4NLP	147.090	+	BT100.0	*
JASPER	KD4XX	145.190	-	AT127.3	*
JOHNSON CITY	W4ABR	146.790	-	BP	*
JOHNSON CITY	KE4FH	147.270	+	A	N
JOHNSON CITY/HOL	WB4SQC	145.290	-	B	*
JONESBOROUGH	WD4OBW	146.925	-	L	*
KNGSPT/BAYS MT	W4TRC	146.970	-	BEP	*
KNOXVILLE	WB4GBI	145.170	-		*
KNOXVILLE	WA4TEM	145.330	-	ABER	*
KNOXVILLE	KB4KIE	145.370	-	B	N
KNOXVILLE	WB4YLC	145.430	-		*
KNOXVILLE	WB4GBI	145.470	-		*
KNOXVILLE	WB4GBI	146.625	-	BT100.0	*
KNOXVILLE	KC4ROG	146.910	-	ABT	N
KNOXVILLE	WB4GBI	146.940	-		*
KNOXVILLE	WB4GBI	147.075	+	A	*
KNOXVILLE/RACK	W4BBB	145.210	-	ABET100.0	*
KNOXVILLE/RACK	W4BBB	147.300	+	BLRT100.0	*
KNXVL/ENG MT	WB4IOB	146.730	-		*
LAFAYETTE	KC4ECD	145.310	-	ET151.4	*
LAFOLLETTE/WMT	K4BGW	146.670	-		*
LAWRENCEBURG	KM4ME	146.655	-	T	*
LEBANON	WB4DOR	145.390	-		N
LEBANON	W4LYR	147.105	+	ELPT100.0	*
LEBANON	W4PFP	147.330	+	PROPOSED	N
#LEWISBURG	WB4VXX	146.805	-	UNCOORD.	*
LIVINGSTON	AD4QX	147.045	+	ABE	N
MANCHESTER	W4UOT	146.700	-	AT114.8	*
MARTIN	N4ABU	146.625	-	A	N
MARYVILLE/ALCOA	W4OLB	146.655	-	ABE	*
MAYNARDVILLE	KB4KIE	145.230	-	B	N
MCMINNVILLE	WD4MWQ	146.970	-	P	*
MCMINVL/SHT MT	WB4LHO	145.490	-		N
MCNAIRY	NU5O	147.075	+	BLT107.2	*
MEMPHIS	NU5O	145.130	-	BLT107.2	*
MEMPHIS	W2GLJ	145.210	-	AB	N
MEMPHIS	K5FE	145.410	-	PT107.2	N
MEMPHIS	KE4LFZ	146.730	-	T107.2	*
MEMPHIS	WA4HBY	146.790	-	BPT	*
MEMPHIS	W4BS	146.820	-	P	*
MEMPHIS	WA4ETE	146.880	-	AL	*
MEMPHIS	N4BSM	146.940	-	BLP	N
MEMPHIS	W4ZJM	147.000	-	BLT*#	*
MEMPHIS	N4WAH	147.120	+	BPT107.2	N
MEMPHIS	WA4ADT	147.300	+	PL	N
MEMPHIS	W4BS	147.360	+		*
MORGAN COUNTY	WD4ORB	147.330	+	T82.5	*
MORRISTOWN	KQ4E	145.450	-	B	*
MORRISTOWN	KQ4E	147.030	+	E	*
#MORRISTOWN	KQ4E	147.390	+	UNCOORD.	*
#MT PLEASANT	KF4GHD	145.450	-	UNCOORD.	*
MURFREESBORO	WB4LHO	145.170	-		N
#MURFREESBORO	N4ARK	147.315	+	UNCOORD.	*
NASHVILLE	N4ARK	145.210	-	BR	*
NASHVILLE	N4ARK	52.525	+	BLR	*
NASHVILLE	WR3S	145.370	-	A	*
NASHVILLE	N4ARK	145.470	-	BP	*
NASHVILLE	WA4PCD	146.610	-	BLPT	*
NASHVILLE	WA4PCD	146.760	-	BLT114.8	*
NASHVILLE	WA5QE	146.790	-	T	*
NASHVILLE	W4AY	146.850	-	PT114.8	*
NASHVILLE	WA4PCD	146.880	-	BEPRT	*
NASHVILLE	NT4L	146.955	-	T114.8	N
NASHVILLE	KC4PRD	146.985	-		N
NASHVILLE	KJ4ZQ	147.015	+	T	N
NASHVILLE	K4ZGA	147.180	+	AT114.8	*
NASHVILLE	N4PYI	147.255	+	TP110.9	*
NASHVILLE	WB4NTM	147.360	+	ATL	N
NASHVILLE	WB4NTM	146.640	-	AT	N
NASHVILLE W	WB4NTM	146.670	-	ATL	N
NASHVILLE WEST	WA4PCD	147.150	+	LT114.8	N
NASHVLE/FAIRVIEW	N4ARK	145.110	-	B	*
NOLENSVILLE	WD4JYD	145.350	-	BEP	*
OAK RIDGE	W4SKH	146.880	-	B	*
OAK RIDGE	W4SKH	146.970	-	A	*
OAK RIDGE	K4EAJ	147.120	+		*
OAK RIDGE	K4EAJ	147.150	+	LT	*
OAKFIELD	WA4BJY	147.390	+	PRT	N
PARIS	K4KLX	147.360	+	A	N
PETROS/FRZ HD MT	KJ4SI	147.255	+	BERPT94.8	*
#PIGEON FORGE	KD4CLA	145.270	-	UNCOORD.	*
PIKEVILLE	K4PUX	147.285	+		*
PULASKI/MUSIC MT	KF4KVF	146.775	-		*
PURYEAR	WA4CEX	147.165	+		N
RAMER	WB4MMI	146.700	-	BT94.8	N
ROCKWD/MT ROOS	AA4KS	147.015	+	ABER	*
ROGERSVILLE	KD4HZN	147.315	+	ET114.8	N
SALTILLO	KB4JUB	146.715	-		*
SHELBYVILLE	N4VFB	147.060	+	A	N
#SPARTA/WHITE	KR4BT	147.165	+	UNCOORD.	*
SPOT	NU5O	147.285	+	PROPOSED	*
TRENTON	KN4KP	146.865	-	AE	N
WATERTOWN	WA4KPA	146.730	-	T100.0	*
WATERTOWN	W4LYR	146.835	-	LPT100.0	*
WINCHESTER	AB4SW	146.820	-	A	*

220 MHZ

BLOUNTVILLE	WA4CBX	224.200	-		*
CHATTANOOGA	K4VCM	224.780	-		*
DAYTON	K4PHT	224.840	-	PROPOSED	N
ERWIN	KB8FPK	224.180	-	PROPOSED	N
GALLATIN	W4CAT	223.980	-	AB	*
GALLITAN	KD4GON	224.700	-	PROPOSED	N
GRAY	WD4SBX	224.900	-	T103.5	N
GREENBRIAR	WQ4E	224.800	-	AB	N
GREENBRIER	WO4E	224.760	-		N
GREENEVILLE	WB4NKM	224.940	-	ABR	N
HERMITAGE	WB4SJV	223.900	-		*
JC/BUFFALO MT	KE4FH	224.780	-		N
KNOXVILLE	N4OQJ	224.380	-	T100.0	*
KNOXVILLE	N4KFI	224.580	-	BT103.5	N
KNOXVILLE/RACK	W4BBB	224.500	-	BLRT100.0	*
#KNXVL/CROSS MT	KB4FZK	224.220	-	UNCOORD.	*
LAVERGNE	WR3S	224.360	-	AR	*
MEMPHIS	W4ZJM	223.940	-	BLT*#	*
MEMPHIS	W4BS	224.420	-	O	*
MOORESBRG/SNEED	KD4IBW	224.760	-	C	*
NASHVILLE	WB4NTM	224.080	-		N
NASHVILLE	WR3S	224.160	-	ABRL	N
#NASHVILLE	KC4TFQ	224.440	-	UNCOORD.	N
NASHVILLE	K4ZGA	224.480	-	A	*
NASHVILLE	WR3S	224.660	-	ALR	N
NASHVILLE	N4PYI	224.740	-	ALRT100.0	*
NASHVILLE	KC4PRD	224.840	-		N
NASHVILLE	WA4PCD	224.940	-	T	*
NEWPORT	AC4JF	224.560	-	PROPOSED	*
ONEIDA	KB4PNG	224.140	-	ABER	N
#ROGERSVILLE	KD4HZN	224.480	-	UNCOORD.	N
SEVIERVILLE	N2FUV	224.440	-	PT	N
SEVIERVILLE	KD4IBW	224.700	-	BLRT100.0	*
SEVIERVILLE	KD4IBW	224.800	-	BLR	*
SHORT MTN	N4PYI	224.260	-	LRT114.8	*
SPRINGFIELD	KO4BN	224.220	-	ABER	N

440 MHZ

ARNOLD A.F.B.	KC4FV	443.950	+	B	*
ATOKA	KE4ZBI	442.700	+		*
BARTLETT	WA4DOR	443.700	+	T107.2	*
BRISTOL/HLST MT	K4JP	444.500	+	A	N
CHATT/MONTLAKE M	KD4UWA	444.875	+	BPT136.5	N
CHATTANOOGA	WJ9J	442.150	+	ABELR	N
CHATTANOOGA	KD4HII	443.900	+	BPT	*
CHATTANOOGA	W4AM	444.100	+	A	*
CLARKSVILLE	WA4BZU	444.325	+	OT107.2	*

MORE TENNESSEE REPEATERS

CLARKSVILLE	KF4GP	444.950	+	ABT167.9	N
CLEVELAND	WD4DES	442.250	+		*
CLEVELAND	KD4NEB	442.450	+	ABLT88.5	*
CLEVELAND	W4GZX	444.275	+	AB	*
COLLEGEDALE	KA6UHV	443.575	+	BP	*
COLUMBIA	WA4AKM	444.925	+	T107.2	*
COOKEVILLE	NQ4Y	444.550	+	ALT107.2	N
CROSSVILLE	WB8EYJ	444.950	+	BLRT107.2	*
CUMBERLAND CITY	WD4DBJ	443.400	+	PT	N
DAYTON	KN4VY	442.075	+	BEPR	*
DEASON	WA4AWI	443.350	+	LT107.2	N
DOVER	N4VIH	444.925	+		N
EVA	AD4QG	443.625	+	BELP	N
FRANKLIN	WA4AKM	444.725	+	LT107.2	N
GALLATIN	N4SSB	442.600	+	BLT107.2	N
GALLATIN	WD4BKY	444.000	+	BLT107.2	*
GALLATIN	WD4BKY	444.350	+	LPT114.8	*
GALLATIN	W4CAT	444.450	+	ABT107.2	*
GALLATIN	WA4AKM	444.775	+	LT107.2	*
GATLBG/COVE MT	WA4KJH	443.300	+	L	N
GRAY	WD4SBX	442.200	+	T100.0	N
GREENBRIER	W4JE	444.250	+		*
GREENEVILLE	WB4NKM	444.650	+	T100.0	N
GRNVLE/VIKING MT	KB4UG	443.200	+	PR	N
HARRIMAN	KC4WHL	442.875	+	AT136.5	*
HARRIMAN	KC4WHL	444.025	+	LR	*
HENDERSON	KE4PFW	442.275	+		N
HENDERSON	K4TC	444.750	+	T	*
HUNTINGDON	KB4YTM	444.375	+	ABE	N
JACKSON	WB0TMC	444.725	+	T107.2	N
JAMESTOWN	KC4MJN	443.625	+	T100.0	*
JASPER	KD4XV	442.050	+		*
JEFFERSON CITY	KD4TUD	444.625	+	EPT	N
JOHNSON CITY	KE4FH	444.100	+		N
JOHNSON CITY/HOL	WB4SQC	442.050	+	BET	*
KNOXVILL/ENG MTN	WB4HAP	444.600	+		*
KNOXVILLE	WB4HAP	442.500	+	O	*
KNOXVILLE	KD4CWB	443.500	+	ABLT	N
KNOXVILLE	KA4AZQ	443.800	+	OT100.0	N
KNOXVILLE	KD4CWB	444.000	+	PROPOSED	N
KNOXVILLE	KC4NNN	444.175	+	ABT	N
KNOXVILLE	WB4GBI	444.300	+		*
KNOXVILLE	KC4NNN	444.425	+	ABT	N
KNOXVILLE	KB4KSL	444.500	+	AO	*
KNOXVILLE	KD4IBW	444.525	+	BT100.0	*
KNOXVILLE/RACK	W4BBB	444.575	+	BLRT100.0	*
LAFAYETTE	KC4ECD	444.125	+	RT107.2	*
LAFOLLETTE	KB4OTK	443.700	+	B	N
LAKE CITY	WD4LUR	442.800	+	B	*
LAVERGNE	WR3S	443.975	+	PROPOSED	N
LEBANON	WA4AWI	443.275	+	BLT107.2	*
LEBANON	W4LYR	443.575	+	T100.0	*
LEBANON	WA4AXH	444.275	+	T	*
MARYVILLE	KC4PDQ	444.475	+	ABER	*
MCEWEN	KE4KNZ	443.925	+	BPT	*
MCKENZIE	KD4KPV	443.875	+	A	*
MCMINNVILLE	WD4MWQ	444.850	+	PT	*
MCNAIRY	NU5O	444.550	+	BLT107.2	*
MEMPHIS	W4ZJM	443.000	+	BT*#	*
MEMPHIS	KA4JXT	443.100	+	T107.2	*
MEMPHIS	W4BS	443.200	+	T107.2	*
MEMPHIS	N4NBC	443.950	+	BPRT	N
MEMPHIS	WA4ETE	444.000	+	T107.2	*
MEMPHIS	KA4JXT	444.100	+	RPT	*
MEMPHIS	KA4JXT	444.125	+	BT	*
MEMPHIS	W2GLJ	444.175	+	A	N
MEMPHIS	N4WAH	444.500	+	BPT	N
MEMPHIS	K7AG	444.850	+	BET107.2	N
MILAN	WD4PAX	442.100	+		*
MORRISTOWN	KQ4E	444.975	+	T	*
MT JULIET	N4PYI	444.400	+	BPT	*
MT JULIET	N4PYI	444.750	+	PROPOSED	*
#NASHVILLE	WB4PUB	443.050	+	UNCOORD.	N
NASHVILLE	N4PYI	444.050	+	T107.2	*
NASHVILLE	WB4NTM	444.150	+	ATL	N
NASHVILLE	N4ARK	444.200	+	BET	*
NASHVILLE	N4ARK	444.225	+	BLT107.2	*
NASHVILLE	WA4BZU	444.300	+	T107.2	*
NASHVILLE	WA4BGK	444.525	+	T107.2	*
#NASHVILLE	WA4PCD	444.550	+	UNCOORD.	*
NASHVILLE	WA4WCK	444.575	+	T	*
NASHVILLE	N4TK	444.625	+	PT107.2	*
NASHVILLE	WA4PCD	444.675	+	LPRT	*
NASHVILLE	N4PYI	444.800	+	LT110.9	*
NASHVILLE	WA4AKM	444.875	+	T107.2	*
NASHVILLE	WA4AKM	444.975	+	LRPT107.2	*
NEW DEAL	N4SSB	442.900	+	BT107.2	N
NOLENSVILLE	WA4AXH	443.650	+	PROPOSED	*
OAK RIDGE	K4EAJ	444.400	+	L	*
OAKFIELD	WA4BJY	442.200	+	PTL	N
ONEIDA	KT4PN	442.825	+	BEPR	*
PARIS	AD4LR	443.675	+	A	N
PIGEON FORGE	KD4CLA	444.350	+	RLT156.7	*
PINSON	KD4GCT	442.900	+	B	N
PROSPECT	WA4AUX	444.600	+	T118.8	N
RAMER	WB4MMI	444.900	+	BT	N
ROCKWOOD/OZONE	WJ9J	442.225	+	ELPR	N
ROGERSVILLE	KT4PL	443.350	+	T	*
SEVIERVILLE	KD4IBW	443.675	+	BLRT100.0	*
SHELBYVILLE	WA4PZN	442.700	+	BLPT	N
SHELBYVILLE	KC4KRM	443.825	+		N
SHORT MT/MURFREE	N4OYS	444.650	+	T107.2	*
SMITHVILLE	N4PYI	444.825	+	T107.2	*
SODDY DAISY	KD4HII	444.200	+	PROPOSED	*
SODDY DAISY	WJ9J	444.450	+	ABELRP	N
SPENCER	KA4MHJ	443.775	+	ABET	*
WATERTOWN	W4LYR	444.900	+	PT100.0	*

920 MHZ

MORRISTOWN	KQ4E	920.800	-	BP	*

1270 MHZ

MEMPHIS	N4HKS	292.000	-	B	*
NASHVILLE	WA4AKM	284.400	-	LR	*
NASHVILLE	KB4ZOE	286.500	-	ABL	

ATV REPEATERS

BARTLETT	N4WAH	421.250	+	PROPOSED	N
JOHNSON CITY/BUF	KD4JGV	421.250	+	BV	*
KNOXVILLE	WA4CDM	253.250	-	V	N
KNOXVILLE	WA4CDM	421.250	+	V	N
NASHVILLE	KJ4ZQ	421.250	+	V	N
NASHVILLE	K4ZGA	923.250	-	OLV	*

VIRGINIA

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BLUEFIELD/ONEIDA	WZ8E	29.680	-	PROPOSED	*
NEWPORT NEWS	WB4CTF	29.600	+	R	N
STERLING PARK	KD4DN	29.680	-	LT146.2	

6 METERS

#BULL RUN MTN	KA4DCS	433.125	-	R-B N.C.	
#FAIRFAX	KA4DCS	52.480	+	o N.C.	
#HAYMARKET	WD4KHP	52.820	-	o(ca)exl N.	
ALEXANDRIA	WA4CCF	53.130	-	L	
ALEXANDRIA	WA4CCF	224.820	-	A	
AMELIA	WB3R	53.390	-		N
AMELIA COURTHSE	KB4YKV	53.110	-	P	N
ARLINGTON	WB4MJF	224.060	-	L	*
BEDFORD/THAX MT	N4CH	53.150	-		*
BULL RUN MTN	WB4DRI	53.230	-		*
BULL RUN MTN	WD8ISK	53.450	-	A	*
CHESTERFIELD	KD4SUU	53.430	-	PROPOSED	N
DANVILLE(DCC)	WB4GJG	53.130	-	T	N
GATE CITY	N4WWB	53.210	-	ABL	*
GUM SPRING	KB4MIC	53.070	-		*
HAMPTON	WA4OHX	53.890	-	PROPOSED	*
LEXNGTN/ROCK MT	KI4ZR	53.010	-	L	*
LYNCHBURG	KE4KEH	53.570	-	PROPOSED	N
PEARISBURG	KE4JYN	53.470	-	T146.2	*
RICE	KE4SFU	53.170	-	PROPOSED	N
ROANOKE	N4CH	53.250	-	L	*
ROANOKE/POOR MT	WB8BON	53.090	-	L	*
TYSONS CORNER	KM4OI	53.370	-		*
WHITE TOP MTN	KB4YFV	53.650	-	BT103.5	*
WINCHESTER	KD4JBY	53.670	-	A#911ELtzT136	

2 METERS

#FAIRFAX	WA4YVM	145.170	-	SNP N.C.	
#FALLS CHURCH	KM4DN	145.170	-	SNP N.C.	
#KING GEORGE	KB4OB	145.270	-	o(ca)	
#QUANTICO	KE4ZN	146.940	-	c PL Not Coo	
ABINGDON/BRMLY MT	K4JP	146.610	-	L	N
ABINGDON	NM4L	147.345	+	ABL	*
ACCOMAC	K4BW	147.255	+	EB	*
ALEXANDRIA	WD4PDP	146.655	-	AER	
ALEXANDRIA	W4HFH	147.315	+	L	
ALTAVISTA	WA4ISI	146.655	-	BEP	*
AMELIA	WB3R	145.190	-	PROPOSED	N
AMELIA COURTHSE	KB4YKV	147.180	+	P	N
ARLINGTON	WB4MJF	145.150	-	T	*
ARLINGTON	WB4MJF	145.470	-		*
ARLINGTON	N9EBJ	146.625	-	AEZ	*
ARLINGTON	WA4YVM	147.045	+	E	*
BEAVERDAM	N4CZJ	145.250	-	BP	N
BEDFORD	N4CH	145.230	-		*
BEDFORD	WB4JBJ	147.105	+	L	N
BEDFORD/APL ORCH	WA1ZMS	146.685	-	BT100.0	*
BLACKSBURG	AB9I	146.715	-		N
BLAND	N4AZJ	145.350	-	PRT103.5	*
BLUEFIELD	KD8XK	145.250	-	PROPOSED	*
BLUEFIELD	W8MOP	145.490	-	BP	*
BLUEFIELD/ONEIDA	WZ8E	146.955	-	PL	*
BLUEMONT	WA4TSC	147.300	+	ART146.2	N
BOYDTON	KD4JTK	146.940	+		N
BRISTOL	WD4CYZ	146.880	-		N
CHARLOTTESVILLE	WA4TFZ	146.760	-	BET88.5	*
#CHARLOTTESVILLE	N4RAG	146.895	-	UNCOORD.	N
CHARLOTTESVILLE	WA4TFZ	146.925	-	B	*
CHESAPEAKE	WA4YSE	146.610	-	ABE	N
CHESAPEAKE	N4SD	146.790	-	ABE	*
CHESTERFIELD	KD4KWP	145.310	-	BC	N
CHESTERFIELD	KA4CBB	147.360	+	BEP	*
CLINCHCO	KB4RFN	147.150	+	BEPT88.5	N
COEBURN	AD4OV	145.430	-	ABER103.5	*
COVINGTON	WA4HTI	146.805	-	L	*
CULPEPER	AA4VI	147.120	+		*
#DANTE	WD4CYZ	147.255	+	UNCOORD.	N
DANTE/HAZEL MTN	KK4MW	146.985	-	AT103.5	N
DANVILLE(DCC)	WB4GJG	146.925	-	BRPT104.2	N
DANVILLE/WHT OAK	KM4AU	146.700	-	BERP	*
DUBLIN	K4HZS	146.670	-	P	*
DULLES AIRPORT	N4FSC	145.310	-	AE	*
EASTVILLE	N4WAO	147.345	+	PROPOSED	*
ELK CRK/IRON MTN	N4MGQ	147.240	+	BLT107.2	*
ENON	WB4YWR	147.060	+	BPT107.2	*
FAIRFAX	WB4YHD	224.100	-	AEL	*
FAIRFAX	W4LBL	146.790	-	AELRZ	*
FARMVILLE	KE4ZBH	145.330	-	BEP	*
FARMVILLE	N4RKM	146.910	-		*
FINCASTLE	W4WIC	146.640	-	A	*
FOREST	W8CXD	147.165	+	LT114.8	*
FRANKLIN	K4SPS	147.300	+	BELPT131.0	*
FREDERICKSBURG	WB4LNT	147.015	+	E	*
GALAX/BRIRP MT	N4VL	147.090	+	AB	*
GALAX/LKOUT MT	N4VL	145.130	-	RT103.5	*
GATE CITY	N4WWB	146.820	-	ABL	*
GLOUCESTER	W4HZL	145.370	-	PE	*
GOOCHLAND	N4TZE	147.090	+	ABL	N
GREENBAY	K4ARO	145.150	-		N
GRUNDY	K4HWQ	147.315	+	A	N
GRUNDY/BIG A MT	KK4EH	146.835	-		N
GUM SPRING	WB4IKL	147.270	+		*
HAMPTON	WA4OHX	145.490	-	ABEL	*
HAMPTON	W4QR	146.730	-	BEP	*
HARRISONBURG	N4YET	145.130	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.255	+	T131.8	
HARRISONBURG	N4YET	147.315	+		
KILMARNOCK	W2MS	145.210	-	A	*
KING GEORGE	KB4OB	442.000	-	ol	*
LEXINGTON	KI4ZR	147.300	+	AB	*
LEXNGTN/ROCK MT	KI4ZR	147.330	+		*
LOVETTSVILLE	W4TLQ	146.865	-	CT146.2	*
LYNCHBURG	KC4RBA	145.370	-	BP	*
LYNCHBURG	W4WWQ	146.610	-		*
LYNCHBURG	AB4M	147.015	-	PT131.8	*
LYNCHBURG	WA4RTS	147.195	+	T136.5	*
LYNCHBURG	KB4ILD	147.735	+		N
MANASSAS	WA4FPM	146.970	+	AZ	*
MARION	KC4SKE	145.270	-	T103.5	N
MARION	N4QLF	146.640	-	AT103.5	N
MARTINSVILLE	KF4KVG	147.285	+	BEPT107.2	*
MCLEAN	WD4IWG	147.210	+	AE	*
MECHANICSVILLE	W4ML	146.820	-	B	N
MOUNTAIN LAKE	WZ8E	146.865	+	PL	*
MT.LAKE/BALD KNB	K4TUE	146.910	-		*
NEW MARKET	KE4FM	146.625	-	E	*
NEWPORT NEWS	W4MT	145.230	-	PT100.0	*
NEWPORT NEWS	WB4CTF	147.165	+	PLR	N
NORFOLK	WA4ZUA	145.170	-	BELPRT136.5	N
NORFOLK	W4VB	145.330	-	BERP	*
NORFOLK	AD4ZK	147.075	+	BEP	*
NORTON/HIGH KNOB	K4AXO	147.015	-	BP	*
PATRICK SPRINGS	WB8POC	147.120	+	PROPOSED	*
PEARISBURG	N4AZJ	147.135	+	BEPT100.0	*
PENNINGTON GAP	KK4QS	146.700	-		*
PETERSBURG	K4ARO	147.390	+		N
PKS KB/PULASKI	WB3S	147.180	+	BPT103.5	*
PORTSMOUTH	WA4PQX	145.850	-	BEP	*
POUND	KD4UZN	145.210	-	T103.5	N
QUANTICO	KE4ZN	147.345	+	T167.9	*
RADFORD/RINER	KA4IXK	145.150	-		*
#RICHLANDS	KM4FY	147.150	+	UNCOORD.	N
RICHMOND	K4YPE	145.110	-	A	*
RICHMOND	W4SQT	145.430	-	P	*
RICHMOND	WB4QEY	146.640	-	P	*
RICHMOND	W4RAT	146.880	-	BP	*
RICHMOND	W4ZA	146.940	-	B	*
RICHMOND	WA4JST	147.030	+		N
RICHMOND	KC4VDZ	147.135	+	T107.2	*
ROANOKE	N4AP	146.940	-	A	N
ROANOKE/POOR MT	K4ROA	146.745	-	BERPT107.2	*
ROANOKE/POOR MT	W4CA	146.985	-	BELP	*
ROANOKE/POOR MT	WB4QOJ	145.210	-	KLY	N
ROANOKE/POOR MTN	K4ARO	145.390	-	LT107.2	N
ROANOKE/POOR MTN	KB4QWO	147.270	+	BLP	*
RUSTBURG/LONG MT	N4UTN	146.835	-	BP	*
SALEM	WA4V	146.880	-		N
SALUDA	AA4HQ	145.450	-	ABE	*
SMITHFIELD	KF4ADJ	147.195	+	ABERT100.0	*
SOUTH BOSTON	AB4YR	145.350	-	PROPOSED	N
SOUTH BOSTON	KF4AGO	147.060	-	PL	*
SOUTH HILL	N4ZCM	145.470	-	LP	N
STAUNTON	W4XD	146.700	-		*
STAUNTON	WA4ZBP	146.850	-	RYT131.8	*
STAUNTON	W4WRN	146.970	-	E	N
STAUNTON/EL. KB	WD4FOZ	147.045	+	T131.8	*
STERLING	WA4TXE	146.715	-	AE	*
STUARTS DRAFT	KB4OLM	147.360	+	PELP	N
SUFFOLK	WA4HMT	147.000	-	OEP	N
T-MARC AREA		145.170	-	SNP	*
TYSONS CORNER	W4XG	146.910	-	A	*
VIENNA	K4HTA	146.685	-	E	*
VIRGINIA BEACH	WA4KXV	146.895	-		*
VIRGINIA BEACH	WA4KXV	146.970	-	E	*
VIRGINIA BEACH	WA4SBC	147.045	+		N
VIRGINIA BEACH	W4NV	147.375	+		N
WALKERTON	KA4DZU	146.715	-		N
WARRENTON	KA3TQD	145.350	-	L	*
WARRENTON	NZ4N	147.165	+		*
WARSAW	K4ZIP	147.285	+	E	*
WAYNESBORO	W4PNT	147.075	+	BELP	*
WILLIAMSBURG	KF4ADM	145.410	-	ABELT127.3	*
WILLIAMSBURG	W4NTG	146.670	-	OABE	*
WILLIAMSBURG	KB4ZIN	146.760	-	ABE	*
WINCHESTER	N4RAG	145.210	-	T131.8	*
WINCHESTER	KA3TQD	145.350	-	L	*
WINCHESTER	W4RKC	146.820	-		*
WISE	KD4UZN	146.865	-	ABRT103.5	N
WOODBRIDGE	WB4FQR	147.240	+	AEL	*
WYTHEVILLE	WB3T	146.775	-	AELT107.2	*
WYTHEVILLE/BLAND	WB3T	146.895	-	BLRT103.5	*

220 MHZ

ALEXANDRIA	WA4CCF	224.820	-	LT107.2	*
ALEXANDRIA	WA4CCF	53.130	+	LT107.2	*
ARLINGTON	WB4MJF	224.060	-	L	*
ARLINGTON	WB4MWF	224.620	-		*
BEDFORD	N4PLV	224.840	-	B	*
BEDFORD/APL ORCH	WA1ZMS	224.180	-	BLT100.0	*
BLUEFIELD	N8LGA	224.920	-		*
BUCK'S ELBOW	N4RAG	224.320	-	BT131.8	N
BUCKS ELBOW	KC4MZN	224.220	-	BT131.8	N
BULL RUN MTN	K9SP	223.940	-		*
CHARLOTTESVILLE	KB4YQC	224.140	-	BCPT88.5	N
CHARLOTTESVILLE	WA4TFZ	224.760	-	B	*

SERA REPEATER SYMBOLS: - Frequency offset down + Frequency offset up A Autopatch (open) B Emergency Power C Under construction E Emergency Autopatch K Packet Operation L Linked Repeater M T-MARC Territory Repeater NB Not on SERA Freq. Plan O Off Air Temp. P Private Autopatch R Remote Base System T Tone Accessed V Television (SSTB/ATV) Y RTTY Operation # Not Coordinated * Full Member SERA Supporter N Non-Member of SERA

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

MORE VIRGINIA REPEATERS

DELTAVILLE	AA4HQ	224.900	-	AEB
FAIRFAX	WB4YHD	224.100	-	EL
FAIRFAX	WD4KHP	224.440	-	c PL
FALLS CHURCH	N4CHP	224.980	-	
GLOUCESTER	W4GSF	224.620	-	AB
HAMPTON	WB4PVT	224.540	-	PROPOSED
HAMPTON	WB4PVT	224.860	-	B
HARRISONBURG	N4YET	224.820	-	
HAYMARKET	WD4KHP	224.400	-	CT
HAYMARKET	WD4KHP	224.420	-	ACELZ
HERNDON	WD4KHP	224.740	-	Rmt-Base
JONESVILLE	WB4IUB	224.520	-	PROPOSED
LAKE GASTON	WA4HMT	224.600	-	O
LEESBURG	KC3BM	224.020	-	AC
LINDEN	N4RAG	224.360	-	T131.8
LOVETTSVILLE	WB4FUJ	224.460	-	C
LYNCHBURG	AB4M	224.280	-	P
MANASSAS	WA4FPM	224.660	-	AZ
MARTINSVILLE	WB4YJC	224.500	-	P
NORTON/HIGH KNOB	WD4GSM	224.420	-	B
PATRICK SPRINGS	KC4J	224.420	-	BT103.5
PEARISBURG	KQ4Q	224.860	-	B
PETERSBURG	K4ARO	224.700	-	
RESTON	WD4KHP	224.720	-	AEL
RESTON	WD4KHP	224.720	-	RB Up/Dn Lk
RIDGEWAY	AA4QT	224.380	-	BRT
ROANOKE	N4CH	224.100	-	L
ROANOKE/CAHAS MT	AB4EM	224.940	-	
ROANOKE/TINKER	K4YDG	224.900	-	B
STAUNTON/EL KNOB	WD4FOZ	224.300	-	T131.8
STUART	WB4GUG	224.200	-	T107.2
T-MARC AREA		223.800	-	SNP
TYSONS CORNER	KB4CVL	224.340	-	
TYSONS CORNER	WD4KHP	224.420	-	ACELZ
WAYNESBORO	KA4RCL	224.680	-	T131.8
WOODBRIDGE	WB4GJZ	224.780	-	EL

440 MHZ

#ARLINGTON	KA4DCS	449.875	-	PL-136.5,Not
#CHANCELLOR	KB4OB	443.850	+	o(ca)el
#THOROUGHFARE	KA4ATI	444.850	+	N.C. ell(ca)
#WOODBRIDGE	KA4DCS	449.875	-	PL-146.2,Not
#WOODFORD	WA4SDE	449.875	-	o Not Coord.
ABINGDON	KB8KSP	442.975	+	BT88.5
ALEXANDRIA	W4HFH	147.315	+	L
ALEXANDRIA	W4HFH	444.600	+	LT107.2
ALTAVISTA	WA4ISI	444.425	+	B
ARLINGTON	KD4DSX	448.625	-	
ARLINGTON	W8HNT	449.325	-	T79.7
ARLINGTON	WB4MJF	444.150	+	
ARLINGTON	K4AF	444.550	+	
ASHBURN	N4EFK	444.300	+	
BANCO	WA3KOK	443.250	+	LT107.2
BEDFORD	N4CH	444.350	+	L
BEDFORD/APL ORCH.	WA1ZMS	442.650	+	BLT100.0
BEDFORD/APL ORCH.	WA1ZMS	443.800	+	BT100.0
BERRYVILLE	WB2KPH	447.475	-	
BIG "A" MTN	KB4WTP	444.875	+	
BLUEFIELD	WZ8E	443.625	+	BL
BLUEFIELD	W8MOP	444.450	+	B
BLUEFIELD	WZ8E	444.625	+	AL
BLUEMONT	WA4TSC	449.925	-	T146.2
BULL RUN MTN.	WD4KHP	449.775	-	c 103.5
CHARLOTTESVILLE	WA4TFZ	444.250	+	B151.5
CHESAPEAKE	KB4NKO	443.100	+	PROPOSED
CHESAPEAKE	N4EVG	443.900	+	PE
CHESTERFIELD	KD4SUU	442.150	+	
COVINGTON	WA4HTI	442.250	+	
DALE CITY	N4LJZ	443.100	+	
DALE CITY	N4LJZ	443.100	+	Rmt Base
DANVILLE	N7RX	443.850	+	B
DANVILLE/WHT OAK	KM4AU	444.700	+	BERP
ENON	WB4VWR	444.200	+	R
FAIRFAX	K4HTA	448.375	-	
FAIRFAX	KD4SO	449.375	-	
FAIRFAX	WD4KHP	449.775	-	T107.2
FANCY GAP	WD4ICX	444.175	+	T107.2
FANCY GAP	N4OWU	444.375	+	T107.2
FANCY GAP	N4XRY	444.900	+	RPB
FOREST	W8CXD	443.600	+	T136.5
FOREST	WD4KQI	444.750	+	A
FRONT ROYAL	KB4KRO	449.075	-	RT146.2
FRONT ROYAL	N4MKH	449.225	-	
GASBURG	WA4HMT	442.000	+	C
GATE CITY	N4WWB	444.700	+	ABL
GOLDVEIN	KC4ASF	444.450	+	T
GRETNA/SMITH MT	KD4TBC	444.075	+	BPT67.0
GUM SPRING	KB4MIC	442.800	+	
HAMPTON	WA4OHX	444.400	+	PROPOSED
HAMPTON	W4QR	444.550	+	EPT167.9
HARRISONBURG	N4YET	444.600	+	
HAYMARKET	KE4HCT	443.325	+	R
HAYMARKET	N3AUY	449.025	-	ELT156.7
HERNDON	N4FSC	448.775	-	
HERNDON	N4LXI	443.000	+	
HILLSVILLE	KB4YFV	442.125	+	T103.5
JONESVILLE	WB4IUB	442.575	+	PROPOSED
KEYSVILLE	KB4TLZ	443.525	+	BPT131.8
KING GEORGE	KB4OB	144.910	+	ol
KING GEORGE	KB4OB	442.000	+	AL
LEXINGTON	KI4ZR	444.300	+	PROPOSED
LEXNGTN/ROCK MT.	KI4ZR	444.150	+	
LORTON	WA3TOL	448.675	-	
LORTON	WD4KHP	449.725	-	EL
LYNCHBG/JACK MT.	KF4YI	442.400	+	P
LYNCHBURG	AB4FU	442.950	+	PT
LYNCHBURG	KC4RBA	443.450	+	BP
LYNCHBURG	WA4RTS	444.550	+	T136.5
LYNCHBURG/TOBRMT	K4HEX	444.500	+	RT136.5
MADISON	N8HON	444.400	+	EL
MAPPSVILLE	KD4NVM	444.300	+	PROPOSED
MARTINSVILLE	KD4CRM	442.175	+	BT465INV
NEWPORT NEWS	W4MT	442.900	+	PROPOSED
NORFOLK	AD4ZK	444.475	+	BT
NORFOLK	WD4MIZ	444.675	+	BT107.2
NORTON/HIGH KNOB	WA4NDQ	444.850	+	BLRT103.5
OILVILLE	KB4MIC	444.800	+	P
PATRICK SPRINGS	KC4J	443.175	+	BR
PEARISBURG	N4AZJ	444.975	+	BT103.5
PETERSBURG	K4ARO	442.600	+	
PETERSBURG	WB4KZI	443.825	+	B
PORTSMOUTH	W4POX	443.800	+	BEP
PORTSMOUTH	KK4SN	444.000	+	AE
PULASKI	KE4CIF	442.775	+	BT
RICHMOND	KC4VDZ	442.300	+	T114.8
RICHMOND	WA4RAT	442.550	+	T127.3
RICHMOND	AB4SF	444.850	+	T
RICHMOND/CHARVLE	N4EHJ	444.650	+	B
ROANOKE	K4ARO	442.600	+	T
ROANOKE/AIRPORT	WD4KZK	443.750	+	ALRT107.2
ROANOKE/POOR MT	W4CA	442.500	+	BEP
ROANOKE/POOR MT	N4VG	442.700	+	
ROANOKE/POOR MTN	KA4IXK	442.850	+	B
ROANOKE/READ MTN	W4NKZK	444.850	+	BLRT107.2
ROANOKE/TINKER M	WB8BON	444.925	+	B
RUSTBURG/LONG MT	N4UTN	443.325	+	BP
SILER	WB4YRB	449.175	-	DR
SMITHFIELD	KF4ADJ	443.550	+	ABET100.0
SOUTH BOSTON	KF4AGO	443.925	+	
SOUTH BOSTON	AB4YR	444.625	+	PROPOSED
SPRINGFIELD	WD4KHP	449.825	-	EL
STAUNTON	WA4ZBP	444.825	+	
STAUNTON	W4WRN	444.950	+	
STAUNTON/EL KNOB	WD4FOZ	444.100	+	T131.8
STERLING	WA4TXE	442.100	+	AL
STUART	WB4GUG	442.225	+	T107.2
STUARTS DRAFT	KB4OLM	444.050	+	BELP
TYSONS CORNER	KM4FI	443.500	+	T156.7
TYSONS CORNER	K4JYF	444.750	+	
VIENNA	N4KOU	444.850	+	A
VIRGINIA BEACH	WA4KXV	444.950	+	E
WALTHALL MILL	KF4RTQ	444.275	+	PROPOSED
WARRENTON	WD4IWG	442.400	+	LT156.7
WHITETOP MTN	KM4X	443.000	+	BT103.5
WILLIAMSBURG	KB4ZIN	444.100	+	B
WILLIS	W4DUM	443.875	+	B
WINCHESTER	W3CSG	442.000	+	
WOODBRIDGE	AA4VA	443.800	+	
WOODBRIDGE	WB4FQR	444.900	+	E
WYTHE/WALKER MTN	WB3T	442.000	+	ABLRT103.5
WYTHEVILLE/SAND	WB3T	444.325	+	T103.5

920 MHZ

ALEXANDRIA	WA4CCF	919.600	-	L
BEDFORD/APL ORCH.	WA1ZMS	921.100	-	BLT100.0
LYNCHBURG	K2AD	921.200	-	PROPOSED
LYNCHBURG/TOBRMT	K4HEX	921.000	-	T100.0
ROANOKE	KM4TT	920.900	-	PT123.0

1270 MHZ

ALEXANDRIA	WA4CCF	282.600	-	L
BEDFORD/APL ORCH.	WA1ZMS	291.100	-	BLT100.0
MCLEAN	K6LEW	292.100	-	
ROANOKE/POOR MTN	N4CH	291.020	-	

ATV REPEATERS

LYNCHBURG	K4HEX	923.250	-	V
ROANOKE/POOR MT.	N4FHL	439.250	-	V
WAYNESBORO	KA5NOJ	426.250	+	V

WEST VIRGINIA

(Listing updates for some repeaters courtesy of T-MARC)

10 METERS

BECKLEY	KA8OTX	29.620	-	
CHARLESTON	WB8CQV	29.640	-	L
RICHWOOD	WA8YWO	29.660	-	PROPOSED

6 METERS

ALDERSON	WA8WDK	53.190	-	B
BECKLEY	WB8YST	53.590	-	LT107.2
CHARLESTON	WB8YST	53.630	-	BELPT107.2
FLATWOODS	N8ZVK	53.110	-	PROPOSED
GASSAWAY	KA8LPH	53.210	-	BP
HARPER'S FERRY	N4QFW	53.350	-	ACET
MARMET/CHARLESTO	N8PEI	53.750	-	BT141.3
RICHWOOD	WB8YST	53.710	-	PROPOSED

2 METERS

AMBER RIDGE	KB8NJH	147.210	+	BRT107.2
BARTOW	KB8SLH	145.110	-	
BECKLEY/BOLT	WV8B	145.170	-	ALT100.0
BECKLEY/EOC	N8TNB	145.370	-	ABL
BECKLEY/FLAT TOP	WA8WDK	146.850	-	BL
BECKLEY/LAYLAND	N8FCJ	145.310	-	ALT100.0
BECKLEY/OAK HILL	N8FWL	145.230	-	BLT100.0
BERKELEY SPRINGS	KK3L	146.745	-	LR
BIRCH RIVER	N8FMD	145.270	-	LT103.5
BLUEFIELD	W8MOP	145.490	-	BP
BRIDGEPORT	WB8DKM	147.120	+	BEPT
BUCKHANNON	N8FHE	145.410	-	A
BUCKHANNON	N8ZAR	147.060	+	ABELRT123.0
CHARLES TOWN	N8EIV	146.985	-	T
CHARLESTON	W8GK	145.350	-	BEP
CHARLESTON	WB8IFS	146.820	-	AE
CLARKSBURG	N8FMD	146.685	-	BLT103.5
CLARKSBURG	N8FMD	147.210	+	EPT103.5
DANVILLE	WB8NAM	146.685	-	BEPT
DAVIS	KE8MR	147.135	+	LT103.5
DRENNEN	W8FG	145.470	-	
ELKINS	KB8BWZ	146.775	-	
FAIRMONT	W8SP	145.350	-	AT123.0
FENWICK	KD8AB	146.940	-	
FLAT TOP/WINTRPL	WV8B	146.625	-	AT100.0
FLATWOODS	N8ZPX	146.655	-	B
FRANKLIN	W3RUA	147.345	+	B
GASSAWAY	WB8MZI	146.610	-	
GLENVILLE	KB8EUN	145.130	-	
GLENVILLE	KA8ZXP	145.290	-	ABELR
GRAFTON	WD8LNB	147.375	+	
GRANTSVILLE	N8LGY	145.450	-	BEPT103.5
HARPER'S FERRY	KA3TQD	145.350	-	L
HARRISVL/PENSBRO	WB8NSL	147.300	+	
HINTON	KC8CNL	147.255	+	AB
HORSEPEN MT.	NV8H	147.195	+	PL
HUNTINGTON	W8VA	146.760	-	EP
HUNTINGTON/CHAS	WB8EZR	146.640	-	BER
JAEGER	N8SNW	145.655	-	
KEYSER	N8RCG	147.390	+	BPT123.0
LEWISBURG	WB8SPW	146.730	-	P
LEWISBURG	WV8D	147.390	+	
LIBERTY	WV8AR	145.410	-	L
LOGAN/SUMERCO	NU8K	147.345	+	PL
LOGAN/WARD RK MT.	KJ8E	146.970	-	PL
MADISON	N8TXQ	147.075	-	PROPOSED
MADISON	WB8NAM	147.120	+	BEPT
MARTINSBURG	WB8YZV	145.150	-	E
MARTINSBURG	WB8YZV	147.255	+	
MARTINSBURG	WB8VBW	147.345	+	ALRT118.8
MCMECHEN	KB8ZLP	146.910	-	
MIDDLEBOURNE	KA8GOH	147.360	+	BT110.9
MOOREFIELD	KD4SZR	145.190	-	T118.8
MORGANTOWN	K8LG	145.430	-	AL
MORGANTOWN	W8CUL	146.760	-	B
MORGANTOWN	KE8MR	147.075	+	ELPT103.5
MULLENS	KC8FL	147.030	+	R
NEW MARTINSVILLE	KF8LL	146.985	-	AB
OAK HILL	NM8T	146.790	-	BE
PARKERSBURG	WV8G	145.490	-	AB
PARKERSBURG	WA8LLM	147.255	+	AB
PARKERSBURG	WD8CYV	147.390	+	ABT141.3
PARKERSBURG (OH)	WF8U	146.745	-	ABER
PARKERSBURG (OH)	N8NBL	146.970	-	A(OHIO)
PARSONS	K9VNQ	145.370	-	ABET118.8
PINEVILLE	W8LG	147.285	+	PROPOSED
PRINCETON	KA8PNC	147.060	-	P
PRINCETON	WB8NRK	147.225	+	BP
PRINCETON/PIPEST	WD8OGY	146.925	-	
RAVENSWOOD	WD8JNU	146.670	-	P
RICHWOOD	WB8YJJ	145.190	-	BT
RICHWOOD	AA8TH	147.015	+	BT
RICHWOOD	WA8YWO	147.150	+	BT100.0
ROMNEY	W8FZP	146.610	-	R
SCOTT DEPOT	WV8AAR	147.270	+	BELPR
SHERRARD	KD8GL	146.715	-	EPL
SHIRLEY	KB8TJH	145.310	-	
SO. CHARLESTON	WB8CQV	146.880	-	L
SOUTH CHARLESTON	KB8ODO	145.250	-	P
SPRUCE KNOB	N8HON	147.285	+	L
ST ALBANS	K8WMX	147.000	-	B
ST ALBANS	K8WMX	147.375	+	Y
TERRA ALTA	KD8ZR	147.000	+	AE
UNION	W8IFL	145.410	-	
UPPER TRACT	KB8BUC	146.655	-	B
WEIRTON	W8CWO	146.940	-	ABEP
WELCH	WB8SXZ	145.450	-	
WESTON	WD8EOM	145.390	-	P
WESTON	WC8K	147.165	+	BR
WHEELING	W8ZQ	146.760	-	BP
WILLIAMSON	WR8M	145.330	-	AR

220 MHZ

BECKLEY	N8FWL	224.240	-	PROPOSED
CHARLESTON	WB8YST	224.360	-	BELPRT107.2
FLAT TOP/WINTRPL	WV8B	224.120	-	A
WILLIAMSON	WR8M	224.140	-	

440 MHZ

ALDERSON	WV8B	444.400	+	O
BECKLEY	N8FWL	443.475	+	PROPOSED
BECKLEY	W8LG	444.125	+	T
BECKLEY/BOLT	W8LG	442.300	+	RB
BECKLEY/OAK HILL	WV8B	444.800	+	
BELINGTON	N8SCS	444.900	+	
BERKELEY SPRINGS	WA3KOK	442.450	+	ALT107.2
BIRCH RIVER	N8FMD	444.275	+	PROPOSED
BLUEFIELD	W8MOP	444.450	+	B
BUCKHANNON	N8ZAR	444.250	+	ABELR
CHARLESTON	WV8AR	444.225	+	ELT
CHARLESTON	WB8YST	444.350	+	BELRT107.2
CLARKSBURG	N8FMD	444.175	+	EPT103.5
ELKINS	WJ8G	444.850	+	T103.5
FAIRMONT	W8SP	443.875	+	
FLATWOODS	N8ZVK	444.200	+	
GLENVILLE	KA8ZXP	444.325	+	
HUNTINGTON	WB8EZR	443.000	+	B
HUNTINGTON	KB8TGK	443.850	+	BRT88.5
HUNTINGTON/CHAS	AA8MR	444.850	+	R
HURRICANE	K8OJC	444.075	+	
HURRICANE	W8HYX	444.500	+	PROPOSED
KEENY MTN	KF8FQ	444.725	+	
KEYSER	N8RCG	444.125	+	PROPOSED
LOGAN	KE4QOX	444.900	+	PROPOSED
MORGANTOWN	K8LG	444.700	+	L
MORGANTOWN	W8CUL	444.800	+	B
MULLENS	KC8IT	444.000	+	AB
OAK HILL	NM8T	443.300	+	AB
OAK HILL	KA8OTX	443.800	+	PROPOSED
PRINCETON	KB8UJG	443.700	+	PROPOSED
RIPLEY	KC8AOF	444.150	+	PROPOSED
SHIRLEY	KB8TJH	444.425	+	BT110.9
SLANESVILLE	KD4JBY	442.350	+	
SO. CHARLESTON	WB8CQV	444.950	+	RL
ST. ALBANS	K8MHR	443.150	+	BELP
WELCH	N8SNY	443.725	+	
WESTON	WC8K	444.600	+	C
WHEELING	KA8YEZ	443.025	+	LT77.0HZ
WHEELING	N8EKT	444.975	+	

ATV REPEATERS

HUNTINGTON	WA4GSS	421.250	+	BV
WHEELING	KB8QHO	421.250	+	V

SERA INDEX LISTINGS - BY STATE - BY CITY . . . continued

FULL MEMBERS FROM NON SERA STATES

2 METERS

ANGOLA, IN	WB9AEI	147.180 +	T131.8
CONCORD, NH	KA1OKQ	147.225 +	T100.0
DELTONA, FL	N3SBK	147.045 +	OT
LOGANSPORT, IN	W9VMW	145.230 -	
LOGANSPORT, IN	W9VMW	147.180 +	BPT77.0
PLYMOUTH, IN	WA9INM	147.285 +	T131.8
WINFIELD, AL	KT4JW	147.040 +	T192.8

220 MHZ

ALBANY, NY	K2AD	224.140 -	
CONCORD, NH	KA1OKQ	224.800 -	T103.5

440 MHZ

ALBANY, NY	K2AD	444.000 +	
ANGOLA, IN	WB9AEI	444.900 +	T100.0
CONCORD, NH	KA1OKQ	448.775 -	T82.5
DALLAS, TX	KF5TU	442.350 +	T100.0
DELTONA, FL	N3SBK	442.925 +	
LOGANSPORT, IN	W9VMW	443.650 +	
MADISON, VA	N8HON	444.400 +	MBL
MT EQUINOX, VT	K1DF	444.050 +	
PEMBROKE, NH	KA1OKQ	444.150 +	
PETERBORO, NH	KA1OKQ	443.350 +	T110.9
UTICA, NY	K1DF	442.100 +	

920 MHZ

ALBANY, NY	K2AD	921.000 -	
MT. BEACON, NY	K1DF	921.200 -	

REPEATER INDEX LISTINGS BY FREQUENCY

2 METERS

144.510 / 145.110

KK4HL	AUGUSTA	GA
N4MXC	COCHRAN	GA
KR4HV	DOUGLASVILLE	GA
KC4UPE	LEESBURG	KY
K5HYE	MENDENHALL	MS
KC5NIX	OKOLONA	MS
W5WA	PASCAGOULA	MS
K4JTX	CHERRYVILLE	NC
KB4TOH	COLUMBIA	NC
W4RXG	SAURATOWN MT	NC
KD4MYE	YOUNGSVILLE	NC
W4GS	MYR BCH/CONWAY	SC
NO4Y	COOKEVILLE	TN
WD4SBX	GRAY	TN
N4ARK	NASHVLE/FAIRVIEW	TN
K4YPE	RICHMOND	VA
KB8SLH	BARTOW	WV

144.530 / 145.130

K4SEX	NEWNAN	GA
KB0Y	VALDOSTA	GA
N4RBL	LOUISVILLE AREA	KY
KJ4VF	MOREHEAD	KY
N5LRQ	ROSE HILL	MS
W4ATC	RALEIGH	NC
K4JR	SUMTER	SC
K4CMY	CHATTANOOGA	TN
N4SSB	GALLATIN	TN
NU5O	MEMPHIS	TN
N4VL	GALAX/LKOUT MT	VA
N4YET	HARRISONBURG	VA
KB8EUN	GLENVILLE	WV

144.550 / 145.150

W4AQL	ATLANTA	GA
KF4LT	MILLEDGEVILLE	GA
N4TLK	MONTICELLO	KY
AD4BI	PIKEVILLE	KY
K5LFP	PICAYUNE	MS
KE4ZTD	HATTERAS ISLAND	NC
W4NHV	#LUMBERTON	NC
WD4CVM	RANDLEMAN/GBO	NC
WD8OXE	INMAN	SC
W4RJC	#DECATUR-PONE KB	TN
W4XS	FRANKLIN	TN
WB4MJF	ARLINGTON	VA
K4ARO	GREENBAY	VA
KA4IXK	RADFORD/RINER	VA
WA8FSE	MARTINSBURG	WV

144.570 / 145.170

WA4DIW	JONESBORO	GA
WD8PRH	HALLS GAP	KY
N5DWU	PETAL	MS
K4ZO	ANDSN MT/DENVER	NC
N4CTJ	LELAND	NC
N4NCK	OXFORD	NC
KY4S	AIKEN	SC
NU5O	BRUCETON	TN
WB4GBI	KNOXVILLE	TN
WB4LHO	MURFREESBORO	TN
WA4YVM	#FAIRFAX	VA
KM4DN	#FALLS CHURCH	VA
WA4ZUA	NORFOLK	VA
WV8B	BECKLEY/BOLT	WV

144.590 / 145.190

WB6RTH	#ATLANTA	GA
WA4EQL	JESUP	GA
WB0QGH	LAWRENCEVILLE	GA
KB4SQI	SALYERSVILLE	KY
WB5UVT	BOONEVILLE	MS
W5CJR	HATTIESBURG	MS
KA4SQN	JACKSONVILLE	NC
WA4BVW	MT MITCHELL	NC
N0YVN	COLUMBIA	SC
N4OTT	CARTHAGE	TN
KD4XX	JASPER	TN
WB3R	AMELIA	VA
KD4SZR	MOOREFIELD	WV
WB8YJJ	RICHWOOD	WV

144.610 / 145.210

W4PSZ	FAYETTEVILLE	GA
WD8PRH	LEXINGTN/GRGTWN	KY
KB5IKR	MENDENHALL	MS
K4OLC	HIGH PEAK MTN	NC
WB4TQD	TRENTON	NC
KE4VD	LEXINGTON	SC
W4BBB	KNOXVILLE/RACK	TN
W2GLJ	MEMPHIS	TN
N4ARK	NASHVILLE	TN
W2MS	KILMARNOCK	VA
KD4UZN	POUND	VA
WB4QOJ	ROANOKE/POOR MT.	VA
N4RAG	WINCHESTER	VA
N4RAG	WINCHESTER, VA	ZZ

144.630 / 145.230

WB4JEH	CONYERS	GA
KB0Y	CORDELE	GA
KS4BS	DALTON	GA
WD4COL	WAYNESBORO	GA
WD8PRH	LOUISVILLE	KY
N4VBH	BEULAVILLE	NC
W4UNC	CHAPEL HILL	NC
W4BFB	CHARLOTTE	NC
KE4CES	JACKSON	TN
KB4KIE	MAYNARDVILLE	TN
N4CH	BEDFORD	VA
W4MT	NEWPORT NEWS	VA
N8FWL	BECKLEY/OAK HILL	WV
W9VMW	LOGANSPORT, IN	ZZ

144.650 / 145.250

K4YC	IVEY	GA
KC4ZY	LEXINGTON	KY
W4GGD	GREENSBORO/LVLX	NC
WA4USN	CHARLESTON	SC
KD4YFB	UNION	SC
KT4WS	CARLISLE	TN
N4WXS	ERWIN/PINNACLE	TN
N4CZJ	BEAVERDAM	VA
KD8XK	BLUEFIELD	VA
KB8ODO	SOUTH CHARLESTN	WV

144.670 / 145.270

KT4X	SANDERSVILLE	GA
KE4PN	WALESKA/PNLGMT	GA
KD4BOH	ROCKPORT	KY
N5NBG	WALLS	MS
KB5DZJ	WIGGINS	MS
K4ROK	FARMVILLE	NC
WA4KNI	HNDSVL/BERWLW M	NC
KM4AR	MIDWAY	NC
KC4GYM	COLUMBIA	SC
WB4WZK	HENDERSONVILLE	TN
KD4CLA	#PIGEON FORGE	TN
KB4OB	#KING GEORGE	VA
KC4SKE	MARION	VA
N8FMD	BIRCH RIVER	WV

144.690 / 145.290

W4IBM	ATLANTA	GA
NA4I	AUGUSTA	GA
AB4MS	PERRY	GA
WD4ELX	LOUISVILLE	KY
N4VOS	STANTON	KY
KC5KLW	OXFORD	MS
WJ5L	VICKSBURG	MS
W4BFB	CHARLOTTE	NC
KO4XC	CLAYTON	NC
WN3X	COINJOCK	NC
N4GGD	GRENSBORO/UNCG	NC
W4AM	CHATTANOOGA	TN
WB4SQC	JOHNSON CITY/HOL	TN
KA8ZXP	GLENVILLE	WV

144.710 / 145.310

KC4WPM	BAKERSVILLE	NC
KD4JFN	#HAW RIVER	NC
KD4KOJ	BEAUFORT	SC
WA4PNI	ATHENS	TN
KF4SC	JACKSON	TN
KC4ECD	LAFAYETTE	TN
KD4KWP	CHESTERFIELD	VA
N4FSC	DULLES AIRPORT	VA
N8FCJ	BECKLEY/LAYLAND	WV
KB8TJH	SHIRLEY	WV

144.730 / 145.330

WA4OGE	JONESBORO	GA
N4XGI	ST SIMONS ISLAND	GA
KF4INN	VERSAILLES	KY
N4DRL	BYHALIA	MS
KK5RK	GULFPORT	MS
N4VRD	MOUNT AIRY	NC
KK4YP	PIKEVILLE	NC
WA4DFP	BAMBERG	SC
WD4DBJ	CUMBERLAND CITY	TN
WA4TEM	KNOXVILLE	TN
KE4ZBH	FARMVILLE	VA
W4VB	NORFOLK	VA
WR8M	WILLIAMSON	WV

144.750 / 145.350

W4DOC	ATLANTA	GA
W4FGQ	LOOKOUT MTN	GA
N4UL	#ELIZABETHTOWN	KY
KD4DAX	WILLIAMSBURG	KY
KA5WMH	OLIVE BRANCH	MS
N5ZMZ	UTICA	MS
WD4JPQ	GREENVILLE	NC
NQ4Y	HUMBOLDT	TN
WD4JYD	NOLENSVILLE	TN
N4AZJ	BLAND	VA
AB4YR	SOUTH BOSTON	VA
KA3TQD	WARRENTON	VA
KA3TQD	WINCHESTER	VA
W8GK	CHARLESTON	WV
W8SP	FAIRMONT	WV
KA3TQD	HARPER'S FERRY	WV

144.770 / 145.370

AA4UA	AUGUSTA	GA
KB4IZF	JASPER	GA
W4BKM	MACON	GA
KE4YVD	RICHMOND	KY
KA5NNX	HATTIESBURG	MS
N5PYQ	SOUTHAVEN	MS
N4AGN	N. WILKESBORO	NC
N4NCK	#OXFORD	NC
K4PPD	SHALLOTTE	NC
KB4KIE	KNOXVILLE	TN
WR3S	NASHVILLE	TN
W4HZL	GLOUCESTER	VA
KC4RBA	LYNCHBURG	VA
N8TNB	BECKLEY/EOC	WV
K8VNQ	PARSONS	WV

144.790 / 145.390

K4HYB	GRIFFIN	GA
WF4N	#CENTRAL CITY	KY
KC4KDZ	FRANKFORT	KY
WD8IFH	SO PORTSMOUTH	KY
KB5KGE	JACKSON	MS
N4ZVN	MONROE/UCARS	NC
K4ITL	ROSEBORO	NC
WB4FOH	#CANADYS	SC
W4AM	CHATTANOOGA	TN
W4CUJ	GREENEVILLE	TN
WB4DOR	LEBANON	TN
K4ARO	ROA/POOR MTN	VA
WD8EOM	WESTON	WV

144.810 / 145.410

W4PME	ATLANTA/BELL	GA
NA4I	AUGUSTA	GA
WA4MXO	JACKSON	KY
KC5IF	D'IBERVILLE	MS
N5DWU	MERIDIAN	MS
N4XO	HIGH POINT	NC
KA4KNU	WILLIAMSTON	NC
N4VIH	DOVER	TN
WB4NKM	GREENEVILLE	TN
NQ4Y	HOBBS HILL	TN
K5FE	MEMPHIS	TN
KF4ADM	WILLIAMSBURG	VA
N8FHE	BUCKHANNON	WV
WV8AR	LIBERTY	WV
W8IFL	UNION	WV

144.830 / 145.430

K4LCI	ATLANTA	GA
KA4EIM	JESUP	GA
KA5BEE	GLOSTER	MS
K4QFQ	SPARTA/GREEN MT	NC
KF4GHC	GILBERT	SC
NU5O	BUCKSNORT	TN
WA4UCE	COOKEVILLE	TN
WB4YLC	KNOXVILLE	TN
AD4OV	COEBURN	VA
W4SQT	RICHMOND	VA
K8LG	MORGANTOWN	WV

144.850 / 145.450

W4BOC	DECATUR	GA
KC4TX	LEXINGTON	KY
N5ZQO	SHARON	MS
WR4AGC	DURHAM	NC
K4GRW	NEWPORT	NC
K4SIR	BENTON	TN
KQ4E	MORRISTOWN	TN
KF4GHD	#MT PLEASANT	TN
AA4HQ	SALUDA	VA
N8LGY	GRANTSVILLE	WV
WB8SXZ	WELCH	WV

144.870 / 145.470

KF4UM	RICEBORO	GA
N4CLA	SWEAT MT/MARIETT	GA
WB4GGH	BARDSTWN,NELSON	KY
WA4WMM	MAYSVILLE	KY
NU50	OXFORD	MS
W4OIX	KINSTON	NC
W4NC	SAURATOWN MT	NC
KN4RG	GAFFNEY	SC
KI4CB	MYR BCH/CONWAY	SC
WB4GBI	KNOXVILLE	TN
N4ARK	NASHVILLE	TN
WB4MJF	ARLINGTON	VA
N4ZCM	SOUTH HILL	VA
W8FG	DRENNEN	WV

144.890 / 145.490

W4DV	AUGUSTA	GA
KA4WUJ	CORDELE	GA
W4LMA	MARIETTA	GA
W4KVK	HENDERSON	KY
WB4CWF	LEXINGTON	KY
N5DWU	RICHTON	MS
N5VGK	TUPELO	MS
NT4K	FRANKLIN	NC
WB4IKY	#GIBSONVILLE	NC
K4BWC	RALEIGH	NC
KA4ABW	RKY RDG/WALLACE	SC
WB4LHO	MCMINVL/SHT MT	TN
W8MOP	BLUEFIELD	VA
WA4OHX	HAMPTON	VA
W8MOP	BLUEFIELD	WV
WV8G	PARKERSBURG	WV

146.010 / 146.610

W4CVY	COLUMBUS	GA
WB4JEH	CONYERS	GA
WD4KWV	CORBIN	KY
KC4FRA	MADISONVILLE	KY
KB5RQL	LAUREL	MS
K4SNI	GREENSBORO	NC
WD4JMS	NEW BERN	NC
KC4WIF	ELLOREE	SC
W4NYK	GRNVLE/CSRS HD	SC
W4AM	CHATTANOOGA	TN
WA4PCD	NASHVILLE	TN
K4JP	ABINGDN/BRMLY MT	VA
WA4YSE	CHESAPEAKE	VA
W4WWQ	LYNCHBURG	VA
WB8MZI	GASSAWAY	WV
W8FZP	ROMNEY	WV

146.025 / 146.625

WA4UPE	ATL/UNION CITY	GA
N4UJT	ELBERTON	GA
K4ULW	WEBSTER	KY
N4WET	BANNER ELK/SUGAR	NC
KE4EQJ	BUXTON	NC
KI4RR	LAURINBURG	NC
AC4IP	CHESTER	SC
WB4GBI	KNOXVILLE	TN
N4ABU	MARTIN	TN
N9EBJ	ARLINGTON	VA
KE4FM	NEW MARKET	VA
WV8B	FLAT TOP/WINTRPL	WV

146.040 / 146.640

WB4QGR	ATLANTA	GA
W4FWD	CARROLLTON	GA
WA4UXJ	CANE VALLEY	KY
WA4YZY	#PINEVILLE	KY
KB5RZP	MADISON	MS
WB4YAO	HENDERSONVILLE	NC
W4DW	RALEIGH	NC
W4NC	WINSTON-SALEM	NC
KB4CIH	SUMTER	SC
KA4QYI	HARRIMAN	TN
WB4NTM	NASHVILLE W	TN
W4WIC	FINCASTLE	VA
N4QLF	MARION	VA
WB4QEY	RICHMOND	VA
WB8EZR	HUNTINGTON/CHAS	WV

146.055 / 146.655

N4NFP	ATLANTA/MARIETTA	GA
WD4MNI	BOWLING GREN-SO	KY
WD4DZC	DANVILLE	KY
K4CUW	PADUCAH	KY
K4CEB	CONCORD/KANNAP.	NC
WA4VTX	ELIZABETH CITY	NC
KD4KOJ	BEAUFORT	SC
KD4AOK	BROWNSVILLE	TN
KM4ME	LAWRENCEBURG	TN
W4OLB	MARYVILLE/ALCOA	TN
WD4PDP	ALEXANDRIA	VA
WA4ISI	ALTAVISTA	VA
N8ZPX	FLATWOODS	WV
N8SNW	IAEGER	WV
KB8BUC	UPPER TRACT	WV

146.060 / 146.660

W4BKM	MACON	GA

146.070 / 146.670

W4ABP	GAINESVILLE	GA
K4VHF	HAZARD	KY
W4KBL	PRINCETON	KY
KB5ZCX	PURVIS	MS
K4FHB	BURLINGTON	NC
WA4BKU	FOREST CITY	NC
AD4DN	WILMINGTON	NC
AD4U	ST. MATTHEWS	SC
W4UD	BRISTOL	TN
K4BGW	LAFOLLETTE/WMT	TN
WB4NTM	NASHVILLE W	TN
K4HZS	DUBLIN	VA
W4NTG	WILLIAMSBURG	VA
WD8JNU	RAVENSWOOD	WV

146.085 / 146.685

WD4IWL	ADAIRSVILLE	GA
KB4VAG	FAYETTEVILLE	GA
KE4ISR	LEXINGTON	KY
KN4KQ	OWENSBORO	KY
W4NBR	GRIFTON	NC
KE4WSX	STATESVILLE	NC
KB4CO	NEWBERRY	SC
WA1ZMS	BEDFORD/APL ORCH	VA
K4HTA	VIENNA	VA
N8FMD	CLARKSBURG	WV
WB8NAM	DANVILLE	WV

146.100 / 146.700

W4MM	ALBANY	GA
W4OOM	JASPER	GA
WB4DOJ	MILLEDGEVILLE	GA
KK4TO	SAVANNAH	GA
W4BDC	BROOKS	KY
KF4JO	GRAYSON	KY
WB4FUR	BAY ST. LOUIS	MS
W5FQ	MERIDIAN	MS
KD4GLB	CROSSNORE	NC
N4CID	DUNN	NC
W4PAX	LANCASTER	SC
KF4FOF	PICKENS	SC
KF4BVQ	ANDERSON CTY	TN
W4UOT	MANCHESTER	TN
WB4MMI	RAMER	TN
KM4AU	DANVILLE/WHT OAK	VA
KK4QS	PENNINGTON GAP	VA
W4XD	STAUNTON	VA

146.110 / 146.710

KF4FO	HOPKINSVILLE	KY

146.115 / 146.715

K4NVG	LAVONIA	GA
W4ABZ	RINGGOLD	GA
KI4B	BEREA	KY
N4GGN	MILLERS CREEK	NC
KB4JUB	SALTILLO	TN
AB9I	BLACKSBURG	VA
WA4TXE	STERLING	VA
KA4DZU	WALKERTON	VA
KD8GL	SHERRARD	WV

146.130 / 146.730

W4MM	ALBANY	GA
KD4NC	ATLANTA/SWEAT MT	GA
K4TVE	BRUNSWICK	GA
AC4AO	LEXINGTON	KY
AA4NI	#NEBO	KY
KC5IF	BILOXI	MS
W5VZF	STARKVILLE	MS
K4BWC	RALEIGH	NC
W4EXU	SALISBURY	NC
W4VNK	WILMINGTON	NC
K4FKJ	N. AUGUSTA	SC
WD4BJY	SIMPSONVILLE	SC
WB4IOB	KNXVL/ENG MT	TN
KE4LFZ	MEMPHIS	TN
WA4KPA	WATERTOWN	TN
W4QR	HAMPTON	VA
WB8SPW	LEWISBURG	WV

146.145 / 146.745

WA4BKF	ATHENS	GA
WA4TTC	GREENVILLE	KY
NN4N	DILLON/PEE DEE	SC
K4ROA	ROANOKE/POOR MT	VA
KK3L	BERKELEY SPRINGS	WV
WF8U	PARKERSBURG (OH)	WV

146.160 / 146.760

KS4QA	LOOKOUT MTN	GA
W4BOC	STONE MT	GA
KF4BJM	VALDOSTA	GA

K4KJQ LEXINGTON KY
K4CUW PADUCAH KY
W5AXQ JACKSON MS
WA4BVW ASHVL/MT PISGAH NC
N4GGD GRENSBORO/BSUM NC
KO4S SWANSBORO NC
WB4THL WILSON NC
K4ESG MT PLEASANT SC
K4JP BRISTOL/HLSTN MT TN
WA4PCD NASHVILLE TN
WA4TFZ CHARLOTTESVILLE VA
KB4ZIN WILLIAMSBURG VA
W8VA HUNTINGTON WV
W8CUL MORGANTOWN WV
W8ZO WHEELING WV
146.175 / 146.775
N4NFP MARIETTA GA
KB4NA WRENS GA
W4PPM MIDDLESBORO KY
KJ4OG TOMPKINSVILLE KY
AE4SK VANCEBURG KY
W5CJR HATTIESBURG MS
KD4RAA #RALEIGH NC
K4JYH SOUTHPORT NC
KF4GHC FORT JACKSON SC
NU5O FRUITLAND TN
KF4KVF PULASKI/MUSIC MT TN
WB3T WYTHEVILLE VA
KB8BWZ ELKINS WV
146.190 / 146.790
KD4GEY FOLKSTON GA
WD4KOW MOULTRIE GA
K4SEX NEWNAN GA
W4YWH HIGHLAND HEIGHTS KY
K4OAR #CLINTON NC
KK4AT SAURATOWN MT NC
W4FVV ANDERSON/SAS MT SC
WA4USN CHARLESTON SC
W4AM CHATTANOOGA TN
W4ABR JOHNSON CITY TN
WA4HBY MEMPHIS TN
W4SQE NASHVILLE TN
N4SD CHESAPEAKE VA
W4LBL FAIRFAX VA
NM8T OAK HILL WV
146.205 / 146.805
KC4ZGR MACON GA
KA4NNE GUTHRIE KY
WD8PRH HAZARD KY
KJ5OB VICKSBURG MS
K4GNC GASTONIA/CRWDR NC
WM3O ORANGEBURG SC
WB4VXX #LEWISBURG TN
WA4HTI COVINGTON VA
147.405 / 146.805
KC4AQS CALHOUN/JASPER GA
KC4ZZC CANTON NC
146.220 / 146.820
W4MM ALBANY GA
W4DOC ATLANTA GA
K4HVK KIBBEE GA
KF4DKJ DRAKESBORO KY
WB4AIA IRVINE KY
K5HYE MAGEE MS
WB4PZA ROARING GAP NC
K4GMP WILMINGTON NC
W4NYK GRNVLE/PARIS MT SC
W4BS MEMPHIS TN
AB4SW WINCHESTER TN
N4WWB GATE CITY VA
W4ML MECHANICSVILLE VA
W4RKC WINCHESTER VA
WB8IFS CHARLESTON WV
146.235 / 146.835
KC4GSS THOMSON GA
KC4ZOX SALVISA KY
WB4PLA #ASHEVILLE NC
K4UOR NAGS HEAD/BODIE NC
W4USH WADESBORO NC
KC4UDD CHARLESTON SC
KB4YTM HUNTINGDON TN
W4LYR WATERTOWN TN
KK4EH GRUNDY/BIG A MT VA
N4UTN RUSTBRG/LONG MT VA
147.435 / 146.835
N4KHO DAHLONEGA GA
N5DWU ELLISVILLE MS
N4NNR HIGH POINT NC
146.250 / 146.850
W4RPO DALLAS GA
N4TBP SAVANNAH GA
KF4KVE WARNER ROBINS GA
KM4IV PIKEVILLE KY
K5JMD BUDE MS
K4CYP GOLDSBORO NC
WA4DSZ HICKORY/BRT. MT NC
KE4YVP REIDSVILLE NC
W4ULH FLORENCE SC
WA4KJH GTLBG/COVE MTN TN
W4AY NASHVILLE TN
W4POX PORTSMOUTH VA
WA4ZBP STAUNTON VA
WA8WDK BECKLEY/FLAT TOP WV
146.265 / 146.865
WB4DKY #MADISON GA
KD4PWK MADISN CO RACES KY
KM4OF OWENSBORO KY
KD4HLH LAURENS SC
AC4AA CROSSVILLE TN
KN4KP TRENTON TN
W4TLQ LOVETTSVILLE VA
KD4UZN WISE VA
N9LWD ROLL. PRAIRIE,IN ZZ
147.465 / 146.865
N5DWU ELLISVILLE MS
KE4EUH MURPHY/STALCUP NC
WA4ZRS WAXHAW NC
WZ8E MOUNTAIN LAKE VA
146.280 / 146.880
W4BTI MARIETTA/ATLANTA GA
WA4NKL QUITMAN GA
W4HBB SAVANNAH GA
W4PF LOUISVILLE KY
N4AI SOMERSET KY
K5QNE JACKSON MS
WB4TQD RALEIGH NC
W4NYR SHELBY NC
WB4FOH #ORANGEBURG SC
WA4ETE MEMPHIS TN
WA4PCD NASHVILLE TN
W4SKH OAK RIDGE TN
WD4CYZ BRISTOL VA
W4RAT RICHMOND VA
WA4V SALEM VA
WB8CQV SO. CHARLESTON WV
146.295 / 146.895
WA4RBS HARTWELL GA
N3SM MACON GA
K4JBV FLORENCE KY
KA4BLZ LYNN GROVE KY
KA4ABW PAGELAND/HIPOINT SC
WD4EGD DANDRIDGE TN
N4RAG #CHARLOTTESVILLE VA
N4RAG HARRISONBURG VA
WA4KXV VIRGINIA BEACH VA
WB3T WYTHEVILLE/BLAND VA
147.495 / 146.895
WD4LUQ DALLAS GA
KC4KZT DORTON KY
N5DWU ELLISVILLE MS
146.300 / 146.900
WB4WVH IRVINGTON KY
146.310 / 146.910
WB4HIG CLEVLND/LONG MT GA
K4HYB GRIFFIN GA
K4GRY #MOREHEAD KY
K5VV HERNANDO MS
WA4ZGQ AHOSKIE NC
W4MOE ASHVL/SPIVEY MT NC
WB4YZF FAYVLLE/CFARS NC
K4IZM LEXINGTON NC
W4BWZ WHITE HALL SC
KC4ROG KNOXVILLE TN
N4RKM FARMVILLE VA
K4TUE MT.LAKE/BALD KNB VA
W4XG TYSONS CORNER VA
KB8ZLP MCMECHEN WV
146.325 / 146.925
WA4ASI COVINGTON GA
N4PJR JESUP GA
W4BEJ RADCLIFF KY
WB5VOJ CORINTH MS
N5DWU VOSSBURG MS
KI5WK WAYNESBORO MS
KA4ABW LCKNOW/BISHOPVL SC
W4GZX CLEVELAND TN
WD4OBW JONESBOROUGH TN
WA4TFZ CHARLOTTESVILLE VA
WB4GJG DANVILLE(DCC) VA
WD8OGY PRINCETON/PIPEST WV
146.340 / 146.940
W4VO ROME/MT. ALTO GA
WA4RVB WRIGHTSVILLE GA
KA4OIL ASHLAND KY
KY4X #GLASGOW KY
K4MSU MURRAY KY
KB5DWX AMORY MS
KA5SBK JACKSON MS
K5JMD MCCOMB MS
W4DLH BURGAW NC
WA4IZG #BUTNER NC
W4BFB CHARLOTTE NC
KC4VM MANTEO/WANCHES NC
AC4NZ MOUNT AIRY NC
W4IQQ GREENVILLE SC
WB4GBI KNOXVILLE TN
N4BSM MEMPHIS TN
KE4ZN #QUANTICO VA
W4ZA RICHMOND VA
N4AP ROANOKE VA
KD8AB FENWICK WV
W8CWO WEIRTON WV
146.355 / 146.955
K5PRE BLAIRSVILLE GA
AC4MU PERRY GA
N4EQT LAWRENCEBURG KY
N5EKR ELLISVILLE MS
KD4WAR BURNSVILLE NC
KF4FOI ROCKINGHAM NC
NT4L NASHVILLE TN
WZ8E BLUEFIELD/ONEIDA VA
146.370 / 146.970
W4HBB SAVANNAH GA
K4DPP #HENDERSON KY
WD8PRH STANTON KY
N5EYM WINONA MS
N4XRY MOUNT AIRY NC
KD4JQ SMITHFIELD NC
N4SZ ANDERSON SC
W4GEY FLORENCE SC
W4TRC KNGSPT/BAYS MT TN
WD4MWQMCMINNVILLE TN
W4SKH OAK RIDGE TN
WA4FPM MANASSAS VA
W4WRN STAUNTON VA
WA4KXV VIRGINIA BEACH VA
KJ8E LOGAN/WRD RK MT WV
N8NBL PARKERSBRG (OH) WV
146.380 / 146.980
W4BEJ ELIZABETHTOWN KY
146.385 / 146.985
NA4I AUGUSTA GA
KC4ZGN ELLIJAY/TALONA M GA
KN4FE WARM SPRINGS GA
N4SEI #JOHNATHAN CRK KY
N5LRQ COLLINS MS
K4OGB ALBEMARLE NC
KC4PRD NASHVILLE TN
KK4MW DANTE/HAZEL MTN VA
W4CA ROANOKE/POOR MT VA
N8EIV CHARLES TOWN WV
KF8LL NEW MARTINSVILE WV
146.390 / 146.990
WB4LBI #NICHOLASVILLE KY
146.400 / 147.000
K5UFH CORINTH MS
WB5QFX #WATER VALLEY MS
WD4FVO JACKSONVILLE NC
W4YLT MARION SC
WB4YXZ PICKENS SC
W4ZJM MEMPHIS TN
WA4HMT SUFFOLK VA
K8WMX ST ALBANS WV
147.600 / 147.000
KE4LR SHELBYVILLE KY
KG4M WILLIAMSBURG KY
AG5Y JACKSON MS
K4AZA THOMASVILLE NC
WA4CBX BLOUNTVILLE TN
WD4SGA CLARKSVILLE TN
KA6UHV COLLEGEDALE TN
KD8ZR TERRA ALTA WV
146.415 / 147.015
N4GIS CARTERSVILLE GA
NA7SB YADKINVILLE NC
AB4M LYNCHBURG VA
K4AXO NORTON/HI KNOB VA
147.615 / 147.015
KM4DT BONAIRE GA
KF4UM HINESVILLE GA
AD4RU IRVINE KY
N5JHK MONTICELLO MS
AD4LI LINCOLNTON NC
KD4MYE RALEIGH NC
KQ7E SUMTER SC
KJ4ZQ NASHVILLE TN
AA4KS ROCKWOD/MT ROOSTN
WB4LNT FREDERICKSBURG VA
AA8TH RICHWOOD WV
146.430 / 147.030
K4YTZ ROCK HILL SC
N4DRL COLLIERVILLE TN
WA4JST RICHMOND VA
147.630 / 147.030
W4REI ATLANTA/AIRPORT GA
KD4ULE HOPKINSVILLE KY
W4PJZ LOUISVILLE KY
W5LDD OCEAN SPRINGS MS
W4GG GREENSBORO NC
AA4SJ ROANOKE RAPIDS NC
KF4CVO BARNWELL SC
KF4APS N. MYRTLE BEACH SC
N4DRL COLLIERVILLE TN
KA4WOG FAYETTEVILLE TN
KQ4E MORRISTOWN TN
KC8IT MULLENS WV
147.640 / 147.040
KT4JW WINFIELD, AL ZZ
146.445 / 147.045
KA4IH ANDREWS/ROBINSV NC
147.645 / 147.045
K4SES DOUGLAS GA
KD4AOZ WATKINSVILLE GA
KJ4VF GRETHEL KY
KB5LCL POLKVILLE MS
W4NHV LUMBERTON NC
KO4BU STATSVL/ASBRY MT NC
AD4QX LIVINGSTON TN
WA4YVM ARLINGTON VA
WD4FOZ STAUNTON/EL. KB VA
WA4SBC VIRGINIA BEACH VA
N3SBK DELTONA, FL ZZ
146.460 / 147.060
W4CQ CHARLOTTE NC
KF4AGO SOUTH BOSTON VA
KA8PNC PRINCETON WV
147.660 / 147.060
WA4DDI MACON GA
NA4CLA ROSWELL GA
W4UCJ THOMASVILLE GA
N5OCF RICHTON MS
WA4LED MACO NC
KB4UG GRNVLE/VIKING MT TN
N4VFB SHELBYVILLE TN
WB4VWR ENON VA
N8ZAR BUCKHANNON WV
147.670 / 147.070
N4NMC LOUISVILLE KY
146.475 / 147.075
N8TXQ MADISON WV
147.675 / 147.075
WD4JXR LAWRENCEVILLE GA
WB4CJB PEMBROKE GA
K4ZO NEWTON NC
WQ4E GREENBRIER TN
WB4GBI KNOXVILLE TN
NU5O MCNAIRY TN
AD4ZK NORFOLK VA
W4PNT WAYNESBORO VA
KE8MR MORGANTOWN WV
147.690 / 147.090
KE4RWR BAINBRIDGE GA
KC4YHM EATONTON GA
KJ4YK PHELPS KY
KB5DSN AMORY MS
W4GDF GREENVL/ESTN NC NC
KF4ATU ORANGEBURG SC
K4JLA SPARTANBURG SC
K4NLP JAMESTOWN TN
N4VL GALAX/BRIRP MT VA
N4TZE GOOCHLAND VA
147.705 / 147.105
WB4RTH ATLANTA GA
K9ZK #HAWESVILLE KY
KB5SAR WAYNESBORO MS
K4ITL BROADWAY NC
WA4KNI HENDERSONVILLE NC
KD4NEB CLEVELAND TN
K4TC HENDERSON TN
W4LYR LEBANON TN
WB4JBJ BEDFORD VA
147.720 / 147.120
NI4S AUGUSTA GA
W4CMA CEDARTOWN GA
K4HCA CLARKESVILLE GA
KT4N #LINCOLNTON GA
KA4KMT #LOUISVILLE KY
WB4ASZ WINCHESTER KY
NO5N ACKERMAN MS
W4REW GASTONIA/SPCR MT NC
WN4Z ROCKY MOUNT NC
W4GS MYRTLE BEACH SC
KF4ADU COLUMBIA TN
N4WAH MEMPHIS TN
K4EAJ OAK RIDGE TN
AA4VI CULPEPER VA
WB8POC PATRICK SPRINGS VA
WB8DKM BRIDGEPORT WV
WB8NAM MADISON WV
147.735 / 147.135
N4BZJ DALTON GA
KB0Y LAKE PARK GA
K4FRM MILLEDGEVILLE GA
KB5UIX SOSO MS
KE4ZIS BREVARD NC
KM4GN WILMINGTON NC
KF4GPE CHESTERFIELD SC
N4AZJ PEARISBURG VA
KC4VDZ RICHMOND VA
KE8MR DAVIS WV
147.750 / 147.150
K4BYK CUMMING/SAWNEE GA
KF5IZ PEARL/RANKIN CO MS
K4VLY MORGANTON NC
WB4TQD RALEIGH NC
WD4NUN MONCKS CORNER SC
WA4PCD NASHVILLE WEST TN
K4EAJ OAK RIDGE TN
KB4RFN CLINCHCO VA
KM4FY #RICHLANDS VA
WA8YWO RICHWOOD WV
147.765 / 147.165
WD4LYT FAYETTEVILLE GA
KF4XH #MACON GA
N4NEQ MORGANTON GA
WD4MNI BOWLING GREEN KY
WA4HBM LEXINGTON KY
WB4UBY PRESTONSBURG KY
KF4HFS HIGH POINT NC
KD4PBK LUMBERTON NC
KE4ZIU GREENWOOD SC
KF4BRS ERWIN/UNICOI TN
WA4CEX PURYEAR TN
KR4BT #SPARTA/WHITE TN
W8CXD FOREST VA
WB4CTF NEWPORT NEWS VA
NZ4N WARRENTON VA
WC8K WESTON WV
147.780 / 147.180
WD4NHW BALDWIN GA
WB4BDP WARNER ROBINS GA
W4CN LOUISVILLE KY
K5LFP #PICAYUNE MS
KC5LIO WEST POINT MS
N4CTJ WILMINGTON NC
AA4SC #FORT MILL SC
WA4HNK SUMMERVILLE SC
WD4DES CLEVELAND TN
K4ZGA NASHVILLE TN
KB4YKV AMELIA COURTHSE VA
WB3S PKS KB/PULASKI VA
WB9AEI ANGOLA, IN ZZ
W9VMW LOGANSPORT, IN ZZ
147.795 / 147.195
K4JPD ATLANTA GA
W4UCJ BOSTON GA
KJ4VF LEXINGTON KY
KA5FYW SUMRALL MS
KO4CW #RALEIGH NC
KC4FV ARNOLD A.F.B. TN
WA4RTS LYNCHBURG VA
KF4ADJ SMITHFIELD VA
NV8H HORSEPEN MT WV
147.810 / 147.210
KF4GHF CONYERS GA
KK4TO SAVANNAH GA
N4UDV BLACK MOUNTAIN KY
K4HY OWENSBORO KY
N5SPJ UNION MS
W4BUZ GREENSBORO NC
W4NTQ WHITEVILLE NC
N4WS COOKEVILLE TN
W4WKZ JACKSON TN
WD4IWG MCLEAN VA
KB8NJH AMBER RIDGE WV
N8FMD CLARKSBURG WV
147.825 / 147.225
KA4LVY SUMMERVILLE GA
WB4AIA #IRVINE KY
N4DRL BYHALIA MS
WR4AGC HILLSBOROUGH NC
W4DTW SANTEE SC
N4RAG HARRISONBURG VA
WB8NRK PRINCETON WV
KA1OKQ CONCORD, NH ZZ
N4RAG HARRISONBRG, VA ZZ
147.840 / 147.240
AE4JO EMERSON GA
WB4NFG IRWINTON GA
KD4POG #THOMASVILLE GA
KF4DTJ ASHLAND KY
W4GZ FARMINGTON KY
KC4AI FRANKFORT KY
N5ELS TUPELO MS
W2SE CARTHAGE NC
W4SIJ FOREST CITY NC
W4GHZ FRANKLIN NC
W4ILN HILTON HEAD SC
AC4VT LANCASTER SC
WD4BKY GALLATIN TN
KD4ZTK BOYDTON VA
N4MGQ ELK CRK/IRON MTN VA
WB4FQR WOODBRIDGE VA
147.855 / 147.255
WD4KDT STONE MTN GA
K4CO HIGHLAND HEIGHTS KY
KC5RC LAUREL MS
KJ4AV ASHEBORO NC
WA4KNI HENDSVL/PENIC/MT NC
KF4CMD LEESVILLE SC
N4PYI NASHVILLE TN
KJ4SI PETROS/FRZ HD MT TN
K4BW ACCOMAC VA
WD4CYZ #DANTE VA
KC8CNL HINTON WV
WB8YZV MARTINSBURG WV
WA8LLM PARKERSBURG WV
147.870 / 147.270
WD4EBB AMERICUS GA
WA1KMS COVINGTON GA
WB5YKR VICKSBURG MS
W4CQ CHARLOTTE NC
AK4H RALEIGH BENSON NC
N4SM WAYNESVILLE NC
WA4JRJ #SENECA/LONG MT SC
WA4YQC GALLATIN TN
WB0TMC JACKSON TN
KE4FH JOHNSON CITY TN
WB4IKL GUM SPRING VA
KB4QWO ROANOKE/POOR MTN VA
WV8AR SCOTT DEPOT WV
147.885 / 147.285
WA4VBX ATLANTA/GPCO GA
KF4BPW CHULA GA
KC4WWU KINGSLAND GA
KC4ZFH LONDON KY
KB5TGA CORINTH MS
N4ADM AIKEN SC
N4LV MYB BCH/BRKSVIL SC
WD4MGM #WHITE OAK MTN SC
K4PUX PIKEVILLE TN
NU5O SPOT TN
KF4KVG MARTINSVILLE VA
KA4ZIP WARSAW VA
W8LG PINEVILLE WV
N8HON SPRUCE KNOB WV
WA9INM PLYMOUTH, IN ZZ
147.900 / 147.300
N4ALE COLBERT GA
WB4YSV ROME GA
AC4MU WARNER ROBINS GA
K4ICN ALLEN KY
WA4SJH SPRINGFIELD KY
KA5LNY MAGEE MS

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KK4X JEFFERSON NC
N4JEX KANNAPOLIS NC
W4MZP RED SPRINGS NC
WA4UQC WILSON NC
W4CAT GALLATIN TN
W4BBB KNOXVILLE/RACK TN
WA4ADT MEMPHIS TN
WA4TSC BLUEMONT VA
K4SPS FRANKLIN VA
KI4ZR LEXINGTON VA
WB8NSL HARISVL/PENSBRO WV

147.915 / 147.315
KR4KS #NORTH ATLANTA GA
KC4TX #HODGENVILLE KY
KC4VXR SALEM KY
N5DWU WAYNESBORO MS
K4MPJ SAURATOWN MT NC
K4PPD SHALLOTTE NC
N4UZT #N. SPARTANBURG SC
N4ARK #MURFREESBORO TN
KD4HZN ROGERSVILLE TN
W4HFH ALEXANDRIA VA
K4HWQ GRUNDY VA
N4YET HARRISONBURG VA

147.930 / 147.330
KK4TO SAVANNAH GA
KA4DIP TOCCOA GA
WA8KWH ASHLAND KY
KA4CFW BOWLING GREEN KY
WD4KNE MT. STERLING KY
KK5RK MCHENRY MS
W4LPL FAYVLLE/FT BRAGG NC
KN4K LENOIR/HIBRITN NC
KF4GHC COLUMBIA SC
KC4SBK ATOKA TN
W4PFP LEBANON TN
WD4ORB MORGAN COUNTY TN
KI4ZR LEXNGTN/ROCK MT. VA

147.945 / 147.345
N4NEQ ATLANTA/MARIETTA GA
N4PJR JESUP/SCREVEN GA
KG5SF GREENVILLE MS
N5ZMZ UTICA MS
WA4IXW MADISON NC
W4NYR SHELBY NC
WA4TEP WASHINGTON NC
KD4TXX ADAMS RUN (CHAS) SC
KF4ADK CHARLESTON AREA SC
K4PHT DAYTON TN
NM4L ABINGDON VA
N4WAO EASTVILLE VA
KE4ZN QUANTICO VA
W3RUA FRANKLIN WV
NU8K LOGAN/SUMERCO WV
WB8VBW MARTINSBURG WV

147.960 / 147.360
WA4CLC DOUGLASVILLE GA
WA4HZX DUBLIN GA
KQ9Z LOUISVILLE KY
W5CJR HATTIESBURG MS
KB5PKU LOUISVILLE MS
K5SVC NATCHEZ MS
WA4J BOONE/RICH MTN NC
WD4LDB DURHAM NC
W4PET LUMBERTON NC
W4BS MEMPHIS TN
WB4NTM NASHVILLE TN
K4KLX PARIS TN
KA4CBB CHESTERFIELD VA
KB4OLM STUARTS DRAFT VA
KA8GOH MIDDLEBOURNE WV

147.975 / 147.375
K4TQU ATHENS/CRAWFRD GA
KD4ORB DONALSONVILLE GA
KB4VAK LAFAYETTE GA
N4TPL MONTICELLO KY
K4CO WALTON KY
KA5VFU GULFPORT MS
KD4WAR BURNSVILLE NC
KC4UMO #GREENVILLE NC
KI4CB GEORGETOWN SC
K4LEO GREENVILLE SC
KN4HL DICKSON TN
KB4ILD LYNCHBURG VA
W4NV VIRGINIA BEACH VA
WD8LNB GRAFTON WV
K8WMX ST ALBANS WV

147.990 / 147.390
W4MMQ HELEN GA
W4OHH THOMASTON GA
WA8PBW COVINGTON KY
WD8ACR CRESTWOOD KY
N8QCW LOUISA KY
AB5SO FOREST MS
WA4CHZ AQUADALE NC
WB4IUY CLAYTON NC
K4PPD SHALLOTTE NC
KE4JMH WAYNESVILLE NC
KA4FEC LEXINGTON SC
AA4TA #CLARKSVILLE TN
K4DPD DAYTON/RHEA CTY TN
KQ4E #MORRISTOWN TN
WA4BJY OAKFIELD TN
K4ARO PETERSBURG VA
N8RCG KEYSER WV
WV8D LEWISBURG WV
WD8CYV PARKERSBURG WV

147.075 / 147.675
N4CO #GEORGETOWN KY

146.190 / 224.100
WB4YHD FAIRFAX VA

144.930 / 442.000
KB4OB KING GEORGE VA

144.970 / 443.750
WA9GVK ALEXANDRIA VA

147.915 / 444.600
W4HFH ALEXANDRIA VA

220 MHZ

223.220 / 53.130
WA4CCF ALEXANDRIA VA

222.500 / 146.790
W4LBL FAIRFAX VA

222.300 / 223.900
WB4SJV HERMITAGE TN

222.340 / 223.940
KF4DTJ ASHLAND KY
W4ZJM MEMPHIS TN
K9SP BULL RUN MTN. VA

222.380 / 223.980
W4CAT GALLATIN TN

222.420 / 224.020
WB4JEH #CONYERS GA
KC3BM LEESBURG VA

222.460 / 224.060
W4NYR SHELBY NC
WB4MJF ARLINGTON VA

222.480 / 224.080
WB4NTM NASHVILLE TN

222.500 / 224.100
WS4F BALDWIN GA
KA4UHL #SOMERSET KY
WB4YHD FAIRFAX VA
N4CH ROANOKE VA

222.520 / 224.120
N4NFP ATLANTA/MARIETTA GA
AA8NA MIDDLESBORO KY
KB4CIH SUMTER SC
WV8B FLAT TOP/WINTRPL WV

222.540 / 224.140
KD4ALC WALESKA GA
KB5SAR WAYNESBORO MS
WR4BEG GREENSBORO NC
WB4QHF PICKENS/CSRS HD SC
KB4PNG ONEIDA TN
KB4YQC CHARLOTTESVILLE VA
WR8M WILLIAMSON WV
K2AD ALBANY, NY ZZ

222.560 / 224.160
KC4JNN BISKEY MTN GA
KN4K LENOIR/HIBRITN NC
WR3S NASHVILLE TN

222.580 / 224.180
N4YDX DALLAS GA
KA4NRL CHARLESTON SC
KB8FPK ERWIN TN
WA1ZMS BEDFRD/APL ORCH VA

222.600 / 224.200
KC4OVY ATLANTA-NE GA
AA4UA AUGUSTA GA
KM4GN WILMINGTON NC
W4ILY GREENVILLE SC
WA4CBX BLOUNTVILLE TN
WB4GUG DUBART VA

222.620 / 224.220
N4NEQ ATLANTA/MARIETTA GA
AD4CR VERSAILLES KY
NF4C ROCKY MOUNT NC
KB4FZK #KNXVL/CROSS MT TN
KO4BN SPRINGFIELD TN
KC4MZN BUCKS ELBOW VA

222.640 / 224.240
WA4KNI HNDSVL/BERWLW M NC
N8FWL BECKLEY WV

222.660 / 224.260
KE4QFG MARIETTA GA
WA4BVW ASHVL/MT PISGAH NC
WA4WTX HILLSBOROUGH NC
N4PYI SHORT MTN. TN

222.680 / 224.280
AB4M LYNCHBURG VA

222.700 / 224.300
KA4MKT LOUISVILLE KY
N4AI SOMERSET KY
WA4WRS BARIUM SPRINGS NC
WD4FOZ STAUNTON/EL KNOB VA

222.720 / 224.320
N4MTA ACWORTH/ATL GA
KA4SQN JACKSONVILLE NC
KJ4X PICKENS/SASFR MT SC
N4RAG BUCK'S ELBOW VA

222.740 / 224.340
W4DOC ATLANTA GA
KF4NI THOMASVILLE NC
KB4CVL TYSONS CORNER VA

222.760 / 224.360
N4BZJ DALTON GA
WB4PAC GRIMESLAND NC
KA4TYO MARSHALL NC
WR3S LAVERGNE TN
N4RAG LINDEN VA
WB8YST CHARLESTON WV
N4RAG LINDEN, VA ZZ

222.780 / 224.380
N4RBT CLEVELAND GA
N4OQJ KNOXVILLE TN
AA4QT RIDGEWAY VA

222.800 / 224.400
N5EKR ELLISVILLE MS
W4BFB CHARLOTTE NC
WB4QHF PICKENS SC
WD4KHP HAYMARKET VA

222.820 / 224.420
KD4AOZ WATKINSVILLE GA
AC4AO LEXINGTON KY
W4BS MEMPHIS TN
WD4KHP HAYMARKET VA
WD4GSM NORTON/HIGH KNOB VA
KC4J PATRICK SPRINGS VA
WD4KHP TYSONS CORNER VA

222.840 / 224.440
N4NEQ ATL/MARIETTA GA
WB4GUG GREENSBORO NC
KN4CW WEST SPRINGS SC
KC4TFQ #NASHVILLE TN
N2FUV SEVIERVILLE TN
WD4KHP FAIRFAX VA

222.860 / 224.460
N4BZJ DALTON GA
W4ABP GAINESVILLE GA
KB0Y VALDOSTA GA
KC4ZTJ SHELBY NC
WB4FUJ LOVETTSVILLE VA

222.880 / 224.480
KE4IPX NORCROSS GA
KA4ZIA LOCUST NC
K4ZGA NASHVILLE TN
KD4HZN #ROGERSVILLE TN

222.900 / 224.500
N4MTA ACWORTH/ATL GA
N4DRL BYHALIA MS
K4YNY WILMINGTON NC
W4BBB KNOXVILLE/RACK TN
WB4YJC MARTINSVILLE VA

222.920 / 224.520
KE4AIS PINE LOG MTN GA
K4RWN LITTLE MTN SC
WB4IUB JONESVILLE VA

222.940 / 224.540
N4YEA DALLAS GA
WA4BVW MT MITCHELL NC
WB4PVT HAMPTON VA

222.960 / 224.560
W4DOC ATLANTA GA
KD4RXF LANCASTER KY
W4EHF FAYETTEVILLE NC
KC4GYM COLUMBIA SC
AC4JF NEWPORT TN

222.980 / 224.580
NX9O ALPHARETTA GA
KR4AA ROCKY MOUNT NC
WA4RQF #WINSTON-SALEM NC
KB4VFD CROSS SC
N4KFI KNOXVILLE TN

223.000 / 224.600
N4GIS CARTERSVILLE GA
WB4PLA ASHEVILLE NC
KC4KUL HIGH POINT NC
WA4HMT LAKE GASTON VA

223.020 / 224.620
W4PME ATLANTA/BELL GA
KD4DAR PIKEVILLE KY
KD4JFN HAW RIVER NC
WB4MWF ARLINGTON VA
W4GSF GLOUCESTER VA

223.040 / 224.640
WB6RTH #LOGANVILLE GA
WA4PEN RALEIGH NC
WA4RQF WINSTON-SALEM NC
KC4SWI COLUMBIA SC

223.060 / 224.660
W4BKM MACON GA
WA1YYN EFLAND NC
WB4PLA MARS HILL NC
N4LV SUNSET BEACH NC
WR3S NASHVILLE TN
WA4FPM MANASSAS VA

223.080 / 224.680
N4BZJ DALTON GA
KA4RCL WAYNESBORO VA

223.100 / 224.700
KE4ZTA DALLAS GA
N4RBL LOUISVILLE AREA KY
W4RXG SAURATOWN MT NC
KD4GON GALLITAN TN
KD4IBW SEVIERVILLE TN
K4ARO PETERSBURG VA

223.120 / 224.720
WA4DAN TRENTON NC
WD4KHP RESTON VA
WD4KHP RESTON VA

223.140 / 224.740
N4KVC DALTON GA
N4NCK OXFORD NC
N4PYI NASHVILLE TN

223.240 / 224.740
WD4KHP HERNDON VA

223.160 / 224.760
W4BOC STONE MT GA
KB7BTU PLYMOUTH NC
W4EXU SALISBURY NC
WQ4E GREENBRIER TN
KD4IBW MORESBURG/SNED TN
WA4TFZ CHARLOTTESVILLE VA

223.180 / 224.780
KC4KLW ROCKMART GA
WB5OWY VICKSBURG MS
WA4WGY EDEN NC
KO4BR ORANGEBURG SC
K4VCM CHATTANOOGA TN
KE4FH JC/BUFFALO MT TN
WB4GJZ WOODBRIDGE VA

223.200 / 224.800
KR4BD LEXINGTON KY
WB4PML MORGANTON NC
KD4WJD WENDELL NC
WQ4E GREENBRIAR TN
KD4IBW SEVIERVILLE TN
KA1OKQ CONCORD, NH ZZ
N9LWD ROLL. PRAIRIE,IN ZZ

223.220 / 224.820
KK4C ATLANTA GA
N4DWU CANTON NC
AD4BX GREENSBORO NC
WA4CCF ALEXANDRIA VA
N4YET HARRISONBURG VA

223.240 / 224.840
WB6RTH #ALPHARETTA GA
AC4MU WARNER ROBINS GA
WA4DAN GRIFTON NC
K4PHT DAYTON TN
KC4PRD NASHVILLE TN
N4PLV BEDFORD VA

223.260 / 224.860
KC4JNN ALPHARETTA GA
K4GYR SUMTER SC
WB4PVT HAMPTON VA
KQ4Q PEARISBURG VA

223.280 / 224.880
WD4LUQ YORKVILLE GA
N4AI SOMERSET KY
N4DRL #WARSAW MS
K4AIH ANDREWS/ROBINSV NC
W4RXG SAURATOWN MT NC

223.300 / 224.900
W4LMA MARIETTA GA
WD4SBX GRAY TN
AA4HQ DELTAVILLE VA
K4YDG ROANOKE/TINKER VA

223.320 / 224.920
KD4JBQ FORT MOUNTAIN GA
KR4KS SNELLVILLE GA
W1IFL RALEIGH NC
W4NYK GRNVL/DOWNTWN SC
N8LGA BLUEFIELD VA

223.340 / 224.940
WB4KXO AUGUSTA GA
N4GIS WALESKA GA
AD4RU IRVINE KY
N4JJ FLORENCE SC
WB4NKM GREENEVILLE TN
WA4PCD NASHVILLE TN
AB4EM ROANOKE/CAHAS MTVA

223.360 / 224.960
PT2RFL ATLANTA/MARIETTA GA
K4JTX CHERRYVILLE NC
AA3CH GOLDSBORO NC
N4QVI #GREENSBORO NC

223.380 / 224.980
K4JSR CUMMING GA
N4CHP FALLS CHURCH VA

440 MHZ

447.000 / 144.910
KB4OB KING GEORGE VA

449.600 / 147.315
W4HFH ALEXANDRIA VA

434.000 / 421.250
W4ZTL ATLANTA/BELL GA
KK4TO SAVANNAH GA
KJ4SQ DURHAM TV HILL NC
KO4AT GRENSBORO NC
N4CNN GOOSE CREEK SC
KD4JGV JOHNSON CITY/BUF TN
WA4GSS HUNTINGTON WV
KB8QHO WHEELING WV

439.250 / 421.250
W4BEJ ELIZABETHTOWN KY
W4PPN CHARLOTTE NC
N4GUP LEXINGTON SC
WA4CDM KNOXVILLE TN
KJ4ZO NASHVILLE TN
W4HTB BOWLING GREEN KY
KA5NOJ GAUTIER MS
KA5NOJ WAYNESBORO VA
WA4VHP SAVANNAH GA
W4NYR #SHELBY NC

426.250 / 439.250
WA9GVK ALEXANDRIA VA
N4FHL ROANOKE/POOR MT. VA

446.700 / 441.700
N4ZHC CLINTON NC

446.800 / 441.800
KC4YNF ACWORTH GA

447.000 / 442.000
WB6RTH ALPHARETTA GA
N4ORL LOUISVILLE KY
WA4HMT GASBURG VA
KB4OB KING GEORGE VA
W3CSG WINCHESTER VA
WB3T WYTHE/WALKR MT VA

447.025 / 442.025
WA4NMF ATLANTA GA
KE4VMN #ASHEVILLE NC

447.050 / 442.050
N1KDO MARIETTA GA
KD4ADJ LEXINGTON KY
WA1YYN EFLAND NC
KD4XV JASPER TN
WB4SQC JOHNSON CITY/HOL TN

447.025 / 442.075
W8BLA ROSWELL GA

447.075 / 442.075
N4VOS STANTON KY
N5DWU MONTICELLO MS
KC4GYM COLUMBIA SC
KN4VY DAYTON TN

447.100 / 442.100
WA4CNG ATLANTA GA
N4RBL LOUISVILLE AREA KY
WD4PAX MILAN TN
WA4TXE STERLING VA

447.200 / 442.100
K1DF UTICA, NY ZZ

447.125 / 442.125
KB4YFV HILLSVILLE VA

447.150 / 442.150
N4SE ROSWELL/BELL GA
KD4RTR DORTON KY
W4UNC CHAPEL HILL NC
WJ9J CHATTANOOGA TN
KD4SUU CHESTERFIELD VA

447.175 / 442.175
N4BZJ DALTON GA
KD4CRM MARTINSVILLE VA

447.200 / 442.200
N3APR DECATUR GA
N5DWU ELLISVILLE MS
KM4GN WILMINGTON NC
WD4SBX GRAY TN
WA4BJY OAKFIELD TN

447.225 / 442.225
WB6RTH #ATLANTA GA
WJ9J ROCKWOD/OZONE TN
WB4GUG STUART VA

447.250 / 442.250
KR4KS #NORTH ATLANTA GA
N5DWU ELLISVILLE MS
KB4PQA GREENVILLE SC
WD4DES CLEVELAND TN
WA4HTI COVINGTON VA

447.275 / 442.275
K4VTT MACON GA
N4ZCM AUBURN NC
KE4PFW HENDERSON TN

447.300 / 442.300
WB4IUY WILSON NC
KE2D SUMMERVILLE SC
KC4VDZ RICHMOND VA
W8LG BECKLEY/BOLT WV

447.325 / 442.325
KE4MLW MABLETON GA
AA8NA MIDDLESBORO KY
N5DWU ELLISVILLE MS
WD4ICX ASHEBORO NC

447.350 / 442.350
WD4NHW BALDWIN GA
KF5TU LAKE GASTON NC
WA4YGD LINCOLNTON NC
KD4JBY SLANESVILLE WV
KF5TU DALLAS, TX ZZ

447.375 / 442.375
KE4QFG MARIETTA GA
KE4YRE SHELBYVILLE KY
W4RNR SANFORD NC
WA4PXV WEST JEFFERSON NC

447.400 / 442.400
N4UER WARM SPRINGS GA
AA4XV LATONIA KY
KD4WJD WENDELL NC
WB4QHF PICKENS/CSRS HD SC
KF4YI LYNCHBG/JACK MT. VA
WD4IWG WARRENTON VA

447.425 / 442.425
K4HCA CLARKESVILLE GA
KC4FIE MADISONVILLE KY
N4TZD LEXINGTON NC
N9LWD ROLL. PRAIRIE,IN ZZ

447.450 / 442.450
NE1H SNELLVILLE GA
KD4CLR LOUISVILLE AREA KY
KD4NEB CLEVELAND TN
WA3KOK BERKELY SPRINGS WV

447.475 / 442.475
K4NVG LAVONIA GA
N4ZKI TRENTON GA
KE4DGP WILKESBORO NC

447.500 / 442.500
KE4PMP MT. VERNON GA
KF4LNY TUCKER GA
KB4RYM LOUISVILLE KY
K4GFY MOREHEAD KY
K4YNY WILMINGTON NC
WB4HAP KNOXVILLE TN
W4CA ROA/POOR MT VA

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

447.525 / 442.525
WB5TUF ATLANTA GA
KC4KMV FORT WRIGHT KY
447.550 / 442.550
WB4JEH CONYERS GA
WD4ELX LOUISVILLE KY
WB4MMY PITTSBORO NC
W4RAT RICHMOND VA
447.575 / 442.575
KD4JBQ FORT MOUNTAIN GA
AE4LW MADISONVILLE KY
WB4IUB JONESVILLE VA
447.600 / 442.600
KD4FOC DUBLIN GA
WA4OKJ MARIETTA GA
KD4ADJ MT STERLING KY
WD4NWV ANDRWS/ROBBINVL NC
N4SSB GALLATIN TN
K4ARO PETERSBURG VA
K4ARO ROANOKE VA
447.625 / 442.625
W4ABP GAINESVILLE GA
KE4KIV NEWTON NC
N4LV SUNSET BEACH NC
447.650 / 442.650
KE4FHN DANIELSVILLE GA
KS4QA LOOKOUT MTN GA
KD4GEU ASHEVILLE NC
WA1ZMS BEDFRD/APL ORCH VA
447.675 / 442.675
KE4PVE ATLANTA GA
KD4BOH ROCKPORT KY
KD4RAA CARY NC
447.700 / 442.700
KC4ZGN ELLIJAY GA
KK4TO SAVANNAH GA
KE4ZBI ATOKA TN
WA4PZN SHELBYVILLE TN
N4VG ROA/POOR MT. VA
447.725 / 442.725
KE4QFG MARIETTA/ATL GA
KB4YJ LOUISVILLE KY
N5LRQ VOSSBURG MS
WG4R GREENSBORO NC
447.750 / 442.750
N4EMM CONYERS GA
KM4GR BAKERSVILLE NC
447.775 / 442.775
K4VJM FLOWERY BRANCH GA
KC4FIE MADISONVILLE KY
AE4PZ MOUNTAIN REST SC
KE4CIF PULASKI VA
447.800 / 442.800
N4NFP ATL/MARIETTA GA
N4AAD YADKINVILLE NC
WD4LUR LAKE CITY TN
KB4MIC GUM SPRING VA
447.825 / 442.825
K4DKI CLAYTON GA
KC4ENL HAPEVILLE GA
KT4PN ONEIDA TN
442.829 / 442.829
ALL VA
447.850 / 442.850
WB0QGH LAWRENCEVILLE GA
W2HR GILBERTSVILLE KY
KA7JXU BREVARD NC
KO4CW #RALEIGH NC
KA4IXK ROA/POOR MTN VA
447.875 / 442.875
PT2RFL ATLANTA/MARIETTA GA
N4IWK MACON GA
KB5ZCX ROSE HILL MS
KC4WHL HARRIMAN TN
447.900 / 442.900
NZ3I BUFORD GA
AC4MU WARNER ROBINS GA
WB4AIA IRVINE KY
K4AZA THOMASVILLE NC
N4SSB NEW DEAL TN
KD4GCT PINSON TN
W4MT NEWPORT NEWS VA
447.925 / 442.925
KC4YHM EATONTON GA
K4AE LEXINGTON NC
N3SBK DELTONA, FL ZZ
447.950 / 442.950
AA4AI ATHENS GA
N4XGI ST SIMONS ISLAND GA
KF4CYI TAYLORSVILLE NC
AB4FU LYNCHBURG VA
447.975 / 442.975
KB8KSP ABINGDON VA
448.000 / 443.000
N4OGF CHATSWORTH GA
KK4YP PIKEVILLE NC
W4ZJM MEMPHIS TN
N4LXI HERNDON VA
KM4X WHITETOP MTN VA
WB8EZR HUNTINGTON WV
448.025 / 443.025
WA4NMF ATLANTA GA
KD4IEZ DUBLIN GA
KE4OOL LEXINGTON KY
WB4IKY BURLINGTON NC
KA8YEZ WHEELING WV
448.050 / 443.050
NE1H SNELLVILLE GA
AA3CH GOLDSBORO NC
WB4PUB #NASHVILLE TN
448.075 / 443.075
WA0HQQ KENNESAW GA
KC4ZIZ MACON GA
WR4BEG SOPHIA/RANDLEMN NC
448.100 / 443.100
N4KHQ DAHLONEGA GA
KR4YR SAURATOWN MT NC
KA4JXT MEMPHIS TN
KB4NKO CHESAPEAKE VA
N4LJZ DALE CITY VA
N4LJZ DALE CITY VA
448.125 / 443.125
KB4PQA CRAB CREEK TWP NC
WA4NNA RALEIGH NC
448.150 / 443.150
KF4XH BYRON GA
W4PME ROSWELL/BELL GA
K8MHR ST. ALBANS WV
448.175 / 443.175
N4GIS WALESKA GA
KC4COV FLORENCE KY
KC4J PATRICK SPRINGS VA
448.200 / 443.200
WA4ZIA #HAMLET NC
KD2LH YOUNGSVILLE NC
KB4UG GRNVLE/VIKING MT TN
W4BS MEMPHIS TN
448.225 / 443.225
KD4TAH FRANKLIN KY
KS4TO WADDY KY
N4ZCM RALEIGH NC
448.250 / 443.250
KC4JNN #BISKEY MTN GA
KJ4VF DORTON KY
WD6GMQ GRAINGERS NC
N4JEX KANNAPOLIS NC
WA3KOK BANCO VA
448.275 / 443.275
KC4KLW ROCKMART GA
WA4WTX ROUGEMNT/RED MT NC
WA4AWI LEBANON TN
448.300 / 443.300
WB4VNT ATHENS GA
KB5DZJ WIGGINS MS
KC4SVQ ARCHDALE NC
KB4TOH COLUMBIA NC
KC4IEV SPINDALE NC
WA4KJH GATLBG/COVE MT TN
NM8T OAK HILL WV
448.325 / 443.325
N4JMD STOCKBRIDGE GA
N4EQT LAWRENCEBURG KY
N4UTN RUSTBRG/LONG MT VA
448.350 / 443.350
KC5NXB PETAL MS
N4JEX KANNAPOLIS NC
ND4N GRNVLE/PARIS MT SC
WA4AWI DEASON TN
KT4PL ROGERSVILLE TN
KA1OKQ PETERBORO, NH ZZ
448.375 / 443.375
KC4AQS CALHOUN/JASPER GA
W1IFL RALEIGH NC
448.400 / 443.400
KD4EKZ CEDARTOWN GA
WB4GWA CONCORD GA
N4TPL MONTICELLO KY
KD4ITB RICH SQUARE NC
WB4GUG SAURATOWN MT NC
AD4DN WILMINGTON NC
AC4WW AIKEN SC
WD4DBJ CUMBERLAND CITY TN
448.425 / 443.425
KD4CPO BRUNSWICK GA
KD4RTR MILLARD KY
448.450 / 443.450
WB5TUF ATLANTA GA
KB4VAK HIGH PT/LOOKT MT GA
WD4ELX LOUISVILLE KY
N5WXD #WEST POINT MS
N4VOZ STATESVILLE NC
KC4RBA LYNCHBURG VA
448.475 / 443.475
KE4UIU CANTON NC
W4UNC CHAPEL HILL NC
WB4TWX FORT MILL SC
N8FWL BECKLEY WV
448.500 / 443.500
N4MTA MARIETTA GA
WD9EQC LOUISVILLE KY
N4TZV MAYSVILLE KY
WB4UBY META KY
AJ0X LAUREL MS
WD4PQZ G'BORO/H'POINT NC
KD4CWB KNOXVILLE TN
KM4FI TYSONS CORNER VA
448.525 / 443.525
KC4KLW ROCKMART GA
N4EUX LENOIR/CAJAH MTN NC
KB4TLZ KEYSVILLE VA
448.550 / 443.550
N4HZX GRAEFENBURG KY
KB5SAR WAYNESBORO MS
KC4XE ROARING GAP NC
KF4ADJ SMITHFIELD VA
448.575 / 443.575
KD4NTF CEDARTOWN GA
WA4PXV #GRANDFATHER MT NC
KA6UHV COLLEGEDALE TN
W4LYR LEBANON TN
448.600 / 443.600
KA4UHL #SOMERSET KY
K5HYE MENDENHALL MS
N4DWU MT MITCHELL NC
W8CXD FOREST VA
448.625 / 443.625
W4UWH JASPER GA
KE4EAN COWPENS SC
AD4QG EVA TN
KC4MJN JAMESTOWN TN
WZ8E BLUEFIELD VA
448.650 / 443.650
KE4ZV ATLANTA GA
K4AIH ANDREWS/ROBINSV NC
KD4WAR BURNSVILLE NC
KD4DNY GREENSBORO NC
WA4AXH NOLENSVILLE TN
W9VMW LOGANSPORT, IN ZZ
448.675 / 443.675
N4GWO BARNESVILLE GA
AD4LR PARIS TN
KD4IBW SEVIERVILLE TN
448.700 / 443.700
W5CJR HATTIESBURG MS
WA4LBT LOCUST NC
WA4DOR BARTLETT TN
KB4OTK LAFOLLETTE TN
KB8UJG PRINCETON WV
448.725 / 443.725
KB2DZA CONYERS GA
KE5LT PICAYUNE MS
KD4GWH GRAHAM NC
N8SNY WELCH WV
448.750 / 443.750
KL7TF COVINGTON GA
KF4BMG MARIETTA GA
KC4ZTI GASTONIA/CROWDR NC
WD4KZK ROANOKE/AIRPORT VA
448.775 / 443.775
W4IXN DULUTH GA
KF4INN VERSAILLES KY
KD4JFN HAW RIVER NC
KB4YF LAURENS SC
KA4MHJ SPENCER TN
448.800 / 443.800
N4NFP ATLANTA/MARIETTA GA
K4MSU MURRAY KY
KC4QZL MORGANTON NC
WA4HNK SUMMERVILLE SC
KA4AZQ KNOXVILLE TN
WA1ZMS BEDFRD/APL ORCH VA
W4POX PORTSMOUTH VA
AA4VA WOODBRIDGE VA
KA8OTX OAK HILL WV
448.825 / 443.825
KD4WOU MONROE GA
N5ZNS GLOSTER MS
KC4KRM SHELBYVILLE TN
WB4KZI PETERSBURG VA
448.850 / 443.850
KE4PN #WALESKA GA
WB4PQJ BAGDAD KY
KC4YOZ DALLAS/CLT NC
KB4OB #CHANCELLOR VA
N7RX DANVILLE VA
KB8TGK HUNTINGTON WV
448.875 / 443.875
KD4LXT ATLANTA GA
KC4KPW PINEY KNOB NC
KD4KPV MCKENZIE TN
W4DUM WILLIS VA
W8SP FAIRMONT WV
448.900 / 443.900
N5DWU WAYNESBORO MS
KF4HFS HIGH POINT NC
KE4ZIU GREENWOOD SC
KD4HII CHATTANOOGA TN
N4EVG CHESAPEAKE VA
448.925 / 443.925
KQ4XL MONROE GA
WA4LJU RINGGOLD GA
KE4KNZ MCEWEN TN
KF4AGO SOUTH BOSTON VA
448.950 / 443.950
KA4UFM DECATUR GA
KC4TX CANE VALLEY KY
N5ZDF HAZLEHURST MS
KM4GN WILMINGTON NC
KC4FV ARNOLD A.F.B. TN
N4NBC MEMPHIS TN
448.975 / 443.975
KB4NPO REX GA
KB5OXE DERBY MS
WA4WGY EDEN NC
WR3S LAVERGNE TN
449.000 / 444.000
WB4QDX LAWRENCEVILLE GA
WD4AFY SAVANNAH GA
AD4RU IRVINE KY
KG5YV CLINTON MS
KK4YP SELMA NC
N0YNV BLYTHEWOOD SC
WD4BKY GALLATIN TN
KD4CWB KNOXVILLE TN
WA4ETE MEMPHIS TN
KK4SN PORTSMOUTH VA
KC8IT MULLENS WV
K2AD ALBANY, NY ZZ
449.025 / 444.025
WA4NMF LAWRENCEVILLE GA
KD4JFN HIGH POINT NC
KC4WHL HARRIMAN TN
449.050 / 444.050
N4NEQ ATLANTA/MARIETTA GA
KE4NLL SALYERSVILLE KY
K4OLC TAYLORSVL/BARR M NC
N4PYI NASHVILLE TN
KB4OLM STUARTS DRAFT VA
K1DF MT EQUINOX, VT ZZ
449.075 / 444.075
AE4GU CARROLLTON GA
K4ZO NEWTON NC
KC4PDQ MARYVILLE TN
KD4TBC GRETNA/SMITH MT VA
K8OJC HURRICANE WV
449.100 / 444.100
W4BKM MACON GA
WD4MNI BOWLING GREEN KY
N4UL LOUISVILLE KY
WA4WTX DURHAM NC
KC4AC LANCASTER SC
W4AM CHATTANOOGA TN
KE4FH JOHNSON CITY TN
KA4JXT MEMPHIS TN
WD4FOZ STAUNTON/EL KNOB VA
KB4ZIN WILLIAMSBURG VA
449.125 / 444.125
KE4PVE PENDERGRASS GA
KC4ZY LEXINGTON KY
WB4GUG MCLEANSVILLE NC
KC4ECD LAFAYETTE TN
KA4JXT MEMPHIS TN
W8LG BECKLEY WV
N8RCG KEYSER WV
449.150 / 444.150
W4PME ATLANTA/BELL GA
WB4IVB MIDDLESBORO KY
WD5BJT CLERMNT HARBOR MS
WB5YCR NEW ALBANY MS
KE4GTM GASTONIA/CROWDR NC
KQ7E SUMTER SC
WB4NTM NASHVILLE TN
WB4MJF ARLINGTON VA
KI4ZR LEXNGTN/ROCK MT. VA
KC8AOF RIPLEY WV
KA1OKQ PEMBROKE, NH ZZ
449.175 / 444.175
KE4PVE COVINGTON GA
KC4COV FLORENCE KY
KC4NNN KNOXVILLE TN
W2GLJ MEMPHIS TN
WD4ICX FANCY GAP VA
N8FMD CLARKSBURG WV
449.200 / 444.200
AE4GU #GAINSVILLE GA
KR4PF MARION KY
WB4KUC PRESTONSBURG KY
KE4QEA #KING/SAURATOWN NC
KM4GN WILMINGTON NC
KF4GHC COLUMBIA SC
N4ARK NASHVILLE TN
KD4HII SODDY DAISY TN
WB4VWR ENON VA
N8ZVK FLATWOODS WV
449.225 / 444.225
WB4BDP WARNER ROBINS GA
KE4SJO WOODSTOCK GA
N4ARK NASHVILLE TN
WV8AR CHARLESTON WV
449.250 / 444.250
W4BOC DECATUR GA
KF4DC GLASGOW/CVCTY KY
KK5RK GULFPORT MS
WA4KNI HNDSVL/BERWLW M NC
WQ4E GREENBRIER TN
WA4TFZ CHARLOTTESVILLE VA
N8ZAR BUCKHANNON WV
449.275 / 444.275
KE4BB CULLODEN GA
KE4SZI DAWSON SPRINGS KY
W4NC WINSTON-SALEM NC
W4GZX CLEVELAND TN
WA4AXH LEBANON TN
KE4RTQ WALTHALL MILL VA
N8FMD BIRCH RIVER WV
449.300 / 444.300
AE4GU CARROLLTON GA
N4DRL BYHALIA MS
KC5RC HEIDELBERG MS
WA4VTX #ELIZABETH CITY NC
N4MNH CHARLESTON SC
WB4GBI KNOXVILLE TN
WA4BZU NASHVILLE TN
N4EFK ASHBURN VA
KI4ZR LEXINGTON VA
KD4NVM MAPPSVILLE VA
449.325 / 444.325
KB5ZZC COLUMBUS MS
KB5KGE JACKSON MS
WA4QFV WHITAKER MTN NC
WA4BZU CLARKSVILLE TN
WB3T WYTHEVILLE/SAND VA
KA8ZXP GLENVILLE WV
449.350 / 444.350
W4MMQ HELEN GA
KE4PVE NEWNAN GA
KB0Y VALDOSTA GA
K4CO WALTON KY
WB4IKY GIBSONVILLE NC
KR4LO GRANTSBORO NC
KA4KNU #WILLIAMSTON NC
WD4BKY GALLATIN TN
KD4CLA PIGEON FORGE TN
N4CH BEDFORD VA
WB8YST CHARLESTON WV
449.375 / 444.375
KB4IZF JASPER GA
KD4DAR PIKEVILLE KY
KB5HAV PEARL MS
KB4YTM HUNTINGDON TN
N4OWU FANCY GAP VA
449.400 / 444.400
AA4UA AUGUSTA GA
WB4YZF FAYETTEVILLE NC
KC4YOQ FOREST CITY NC
N4PYI MT JULIET TN
K4EAJ OAK RIDGE TN
WA4OHX HAMPTON VA
N8HON MADISON VA
WV8B ALDERSON WV
N8HON MADISON, VA ZZ
449.425 / 444.425
WB4JWM JULIETTE GA
N4ZVN MONROE NC
KC4NNN KNOXVILLE TN
WA4ISI ALTAVISTA VA
KB8TJH SHIRLEY WV
449.450 / 444.450
W4DOC ATLANTA GA
KO4OT SIMPSONVILLE KY
KB5LCL JACKSON MS
W4CQ CHARLOTTE NC
KE4JMH WAYNESVILLE NC
KM4GN WILMINGTON NC
W4CAT GALLATIN TN
WJ9J SODDY DAISY TN
W8MOP BLUEFIELD VA
KC4ASF GOLDVEIN VA
W8MOP BLUEFIELD WV
449.475 / 444.475
KD4GEY FOLKSTON GA
N4CLA SWEAT MT/MARIETT GA
AD4BI PIKEVILLE KY
N4OOC FLATTOP MNT/AVL NC
KD4DNY GREENSBORO NC
AD4ZK NORFOLK VA
449.500 / 444.500
W4MM ALBANY GA
WB5TUF ATLANTA GA
N4BZJ DALTON GA
K4GYR SUMTER SC
K4JP BRISTOL/HLST MT TN
KB4KSL KNOXVILLE TN
N4WAH MEMPHIS TN
K4HEX LYNCHBRG/TOB MT VA
W8HYX HURRICANE WV
449.525 / 444.525
KD4IEZ CHESTER GA
WD4JXR SNELLVILLE GA
KJ4VF GRETHEL KY
WA4PEN RALEIGH NC
N4LV MYB BCH/BRKSVIL SC
KD4IBW KNOXVILLE TN
WA4BGK NASHVILLE TN
449.550 / 444.550
WB4JEH CONYERS GA
KN4KQ LEWISPORT KY
KC5IF N.BILOXI/D'IBERV MS
WB4VTE GASTONIA/SPCR MT NC
KK4VM ROANOKE RAPIDS NC
NQ4Y COOKEVILLE TN
NU5O MCNAIRY TN
WA4PCD #NASHVILLE TN
K4AF ARLINGTON VA
W4QR HAMPTON VA
WA4RTS LYNCHBURG VA
449.575 / 444.575
KD4RQJ DOUGLASVILLE GA
N4MVY PHELPS KY
KC5CLM PORT GIBSON MS
N4HAJ KINSTON NC
W4GS MYRTLE BEACH SC
W4BBB KNOXVILLE/RACK TN
WA4WCK NASHVILLE TN
449.600 / 444.600
WA1KMS COVINGTON GA
WA4NKL QUITMAN GA
N4NMC LOUISVILLE KY
KC4FIE MADISONVILLE KY
WA4SJH SPRINGFIELD KY
KB5CO JACKSON MS
W4BFB CHARLOTTE NC
KC4WXA OXFORD NC
KC4UDD NORTH CHARLESTN SC
WB4HAP KNOXVILL/ENG MTN TN

SERA appoints Shouse as Kentucky State leader

-by Wayne C. Williams, K4MOB

- Was Temporary Inconvenience
- No Cause for Alarm
- KY Repeater Database intact

In a late hour dash, the SERA Executive Committee agreed to appoint Jerry L. Shouse, N4EQT as new State Director of Kentucky. Shouse who resides in Lawrenceburg will take the reins of coordination in the state.

We don't like to see it happen, but occasionally it just happens. Our SERA state of Kentucky was temporarily without local leadership.

Last fall, Jeff Martin, N5KOL, Director resigned, and then with the resignation of Director Mark Smith KM4IV recently, the SERA Board had to act quickly to get a new leader in place.

The SERA Executive Committee had been keeping close tabs on the situation in Kentucky with the assistance of Fred Jones, WA4SWF, the Repeater Journal News Correspondant for Kentucky.

Several repeater coordinations are outstanding, and Jerry will have to come in, receive training, get the SERA system setup, files, records and paperwork, and hit the ground running.

Although Jerry will have assistance from the Board if need, or any other help he may ask for in the beginning, the final decision on coordination is his, as is the way SERA works. The local coordinator has final say.

Jones told the Repeater Journal that several repeater owners have been patiently waiting for coordination for some time, and something needed to be done rather quickly. He said overall the repeater owners in Kentucky still have faith in SERA, but the lack of local leadership these past few months has put them in quite a quandary, especially those needing services.

David Ward, KA4LVO, Membership Chairman, said Full Membership from repeater owners in Kentucky is at an all-time high. Some 60.5% of all the state's 220 repeaters have voluntarily joined as Full Members. Although membership has no bearing on services provided by SERA, we are well aware that with membership support this strong, the state's needs must be heeded quickly, before support erodes and begins to cause problems for the new officials when they do get in office and get things moving again.

A Close Call at Press Time

As the May Repeater Journal went to press, we were unable to get any exact plans as to how Shouse would get started. Knowing that it will take a few weeks for him to get set up, we might recommend Kentucky repeater owners needing service wait until mid May or early June to contact him. After the first of June, it might be wise to contact Jerry if you have any pending work involving SERA. He will obtain all of the previously held SERA records of past Directors, but to prevent additional delays or losses, a reminder phone call or letter to him might be in order so he can see that your situation is on his "things to do list".

Additional help for the new Director may come through more appointments, from the Board. At presstime, it is not known if and when this will be announced. SERA President, Dave Shiplett, AC4MU said that there were several outstanding candidates who could do the job well in Kentucky.

He said that since Shouse lives in the eastern part of the state, it will be important to get another coordinator named soon to cover the western part.

(Continued on Page 56)

REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4AUX PROSPECT TN
W4HFH ALEXANDRIA VA
N4YET HARRISONBURG VA
WC8K WESTON WV
449.625 / 444.625
KB4QFL HAWESVILLE KY
N5OCF RICHTON MS
WB4DVN LUMBERTON NC
KD4KAO CLEMSON UNIV. SC
KD4TUD JEFFERSON CITY TN
N4TK NASHVILLE TN
WZ8E BLUEFIELD VA
AB4YR SOUTH BOSTON VA
449.650 / 444.650
K4YC IVEY GA
N4IBW SMYRNA GA
WB4FUR #STENNIS SPACE C MS
N5NBG WALLS MS
NE4J MIDDLESEX NC
N4MME #SALISBURY NC
KM4GN WILMINGTON NC
WB4NKM GREENEVILLE TN
N4OYS SHORT MT/MURFRE TN
N4EHJ RICHMOND/CHLTVL VA
449.675 / 444.675
N4YTR PEACHTREE CITY GA
KC4VYX ROBINSON CREEK KY
KF4AWA SALVISA KY
AB5PR GREENVILLE MS
KD4IL CHARLOTTE NC
KA4SQN JACKSONVILLE NC
KD4IHW RESEARCH TRI PK NC
W4GS MYR BCH/CONWAY SC
WA4PCD NASHVILLE TN
WD4MIZ NORFOLK VA
449.700 / 444.700
WD4LUQ DALLAS GA
WB4DOJ MILLEDGEVILLE GA
KF4BJM VALDOSTA GA
N5KOL BOWLING GREEN KY
N4JEH ROCKY MOUNT NC
KM4AU DANVILLE/WHT OAK VA
N4WWB GATE CITY VA
K8LG MORGANTOWN WV
449.725 / 444.725
KD4AOZ WATKINSVILLE GA
KA4NCX HENDERSON KY
KE4ISR LEXINGTON KY
W4ZCD HICKORY FLAT MS
KQ4LO WINSTON-SALEM NC
WA4AKM FRANKLIN TN

WB0TMC JACKSON TN
KF8FO KEENY MTN WV
449.750 / 444.750
N4ZRF LAKEMONT GA
KE4AIF HOPKINSVILLE KY
WB9SHH MONTICELLO KY
KK5RK MCHENRY MS
W5VZF STARKVILLE MS
KC4YOT GASTONIA/CROWDR NC
KD4JFN PITTSBORO NC
K4TC HENDERSON TN
N4PYI MT JULIET TN
WD4KQI FOREST VA
K4JYF TYSONS CORNER VA
449.775 / 444.775
N4NEQ ATLANTA/MARIETTA GA
N4IWZ ALLEN KY
KC4UPE NICHOLASVILLE KY
W4ATC RALEIGH NC
WA4RQF #WINSTON-SALEM NC
WA4AKM GALLATIN TN
449.800 / 444.800
WA4ASI COVINGTON GA
WB4BEJ ELIZABETHTOWN KY
KB5CO JACKSON MS
WB4PMQ GREENVILLE NC
K4YEC REIDSVILLE NC
KN4RG GAFFNEY SC
N4PYI NASHVILLE TN
KB4MIC OILVILLE VA
WV8B BECKLEY/OAK HILL WV
W8CUL MORGANTOWN WV
449.825 / 444.825
W4DOC ATLANTA GA
KC4UPE BEATTYVILLE KY
KC4VXR SALEM KY
KB5DSN AMORY MS
KF4UY MT AIRY/FSH PK NC
N4PYI SMITHVILLE TN
WA4ZBP STAUNTON VA
449.850 / 444.850
N4BZJ DALTON GA
N4YXL GREENSBORO GA
KF4UM HINESVILLE GA
AA4NI NEBO KY
KC5LXF PINOLA MS
W4CQ CHARLOTTE NC
K4GMP WILMINGTON NC
WD4MWQ MCMINNVILLE TN
K7AG MEMPHIS TN
KA4ATI #THOROUGHFARE VA

WA4NDQ NORTON/HIGH KNOB VA
AB4SF RICHMOND VA
WD4KZK ROANOKE/READ MT VA
N4KOU VIENNA VA
WJ8G ELKINS WV
AA8MR HUNTINGTON/CHAS WV
449.875 / 444.875
KC4ELV CONYERS GA
KC4UPE SALVISA KY
N5HTQ MCCOMB MS
KD4RAA RALEIGH NC
KD4UWA CHATT/MONTLAKE M TN
WA4AKM NASHVILLE TN
KB4WTP BIG "A" MTN VA
449.900 / 444.900
NA4I AUGUSTA GA
WA4DXS ST MARYS GA
WB4IVB CORBIN KY
W4YWH HIGHLAND HEIGHTS KY
N4DWT ASHEVILLE NC
WD4JMS NEW BERN NC
NE4J WILSON NC
WB4MMI RAMER TN
W4LYR WATERTOWN TN
N4XRY FANCY GAP VA
WB4FQR WOODBRIDGE VA
N8SCS BELINGTON WV
KE4QOX LOGAN WV
WB9AEI ANGOLA, IN ZZ
449.925 / 444.925
WB4NFG IRWINTON GA
N4PJR JESUP GA
KY4X GLASGOW KY
KO4LI OLIVE HILL KY
N5PYQ SOUTHAVEN MS
WB5TTE VICKSBURG MS
N4XRY MOUNT AIRY NC
AC4RZ EASLEY/SAS MTN SC
WA4AKM COLUMBIA TN
N4VIH DOVER TN
WB8BON ROA/TINKER MT VA
449.950 / 444.950
AC4MU PERRY GA
N4DUE #LEXINGTON KY
N5VGK TUPELO MS
W4DW APEX/RALEIGH NC
WA1WXL DALAS/CHARLOTTE NC
KF4GP CLARKSVILLE TN
WB8EYJ CROSSVILLE TN
W4WRN STAUNTON VA
WA4KXV VIRGINIA BEACH VA

WB8CQV SO. CHARLESTON WV
449.975 / 444.975
K4TVE BRUNSWICK GA
KF4DTJ ASHLAND KY
WB4CWF NICHOLASVILLE KY
KQ4ML ASHEBORO NC
KF4AAT #NEWPORT CCARS NC
KC4ZTJ POLKVILLE NC
WM3O ORANGEBURG SC
KQ4E MORRISTOWN TN
WA4AKM NASHVILLE TN
N4AZJ PEARISBURG VA
N8EKT WHEELING WV
442.050 / 447.050
KA4ABW #RKY RDG/WALACE SC
442.475 / 447.475
WB2KPH BERRYVILLE VA
443.325 / 448.325
KE4HCT HAYMARKET VA
443.375 / 448.375
K4HTA FAIRFAX VA
443.625 / 448.625
KD4DSX ARLINGTON VA
443.675 / 448.675
WA3TOL LORTON VA
443.775 / 448.775
N4FSC HERNDON VA
KA1OKQ CONCORD, NH ZZ
443.975 / 448.975
WA4SDE #WOODFORD VA
444.025 / 449.025
N3AUY HAYMARKET VA
444.075 / 449.075
KB4KRO FRONT ROYAL VA
444.175 / 449.175
WB4YRB SILER VA
444.225 / 449.225
N4MKH FRONT ROYAL VA
444.325 / 449.325
W8HNT ARLINGTON VA
444.375 / 449.375
KD4SO FAIRFAX VA
444.725 / 449.725
WD4KHP LORTON VA
444.775 / 449.775
WD4KHP BULL RUN MTN. VA
WD4KHP FAIRFAX VA
444.825 / 449.825
KC4VXR #SALEM KY
WD4KHP SPRINGFIELD VA
444.875 / 449.875

KA4DCS #ARLINGTON VA
KA4DCS #WOODBRIDGE VA
444.925 / 449.925
WA4TSC BLUEMONT VA
426.250 / 911.250
WA9GVK ALEXANDRIA VA
439.250 / 911.250
KA5NOJ GAUTIER MS
430.750 / 915.750
WA9GVK ALEXANDRIA VA
426.250 / 923.250
K4HEX LYNCHBURG VA
WA4CDM KNOXVILLE TN
439.250 /1280.000
W4HTB BOWLING GREEN KY

Notice:

The SERA Official Repeater Index is updated and published each quarter in the SERA Repeater Journal.

Repeater owners wishing to make changes, additions, deletions or corrections to their listings should contact their local State coordinator who is your Director, Vice-Director or Assistant. Their names are listed on Page 1 of this magazine.

All repeater owners must submit new updated datasheets to SERA each year to maintain correct up-to-date data on our files. Repeater owners who have not turned in datasheets during the past three years are classified as "unknown" repeaters and may be taken from the listings. Lack of information could also result de-coordination. Data sheets may be obtained from the SERA Records manager David Ward, KA4LVO, P.O. Box 215 Tobaccoville, N.C. 27050.

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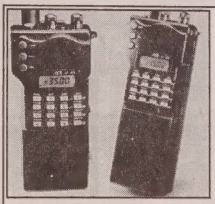
ADI AT-201 ADI AT-401



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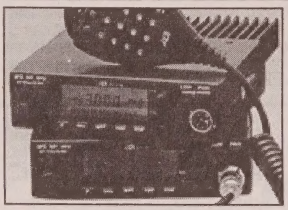
ADI AR-146 ADI AR-446



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from the East Virginia News

MIKE BRIGHAM, W1CLS
mbrigham@ix.netcom.com
558-J ELEANOR CT.
NEWPORT NEWS,
VA 23602

As I write this column it is the end of March and the temps have dropped again today from a high yesterday of 81 degrees to a high today of 51. This time of year can be so crazy!

Since my last report the Richmond Frostfest has come and gone. I thought this year seemed to have less vendors of new equipment but still a very good complement all around.

* * * * *

I have been told that some repeaters on the peninsula will be changing frequency .

The 224.86 (Old) will move to 224.54 MHZ. (New) due to a lot of interference on the input frequency. This repeater is located in the Big Bethel road area in Hampton.

The Peninsula Amateur Radio Club has obtained a 440 MHZ frequency to put up a 75 CM unit on the same tower that the 145.23 MHZ. Repeater is on now. The controller on this site is a Link Communications RLC2A unit. At this time we are updating the proms in this controller to better use the voice recorder the club obtained. I have acquired a prom burner for that purpose and if anyone has a legitimate use for one I will gladly help you out getting a set of proms burned.

Link Communications gladly puts their prom updates on their Internet site for downloading.

The PARC site will have a repeater on 442.90 MHZ. Hopefully in the near future. The 145.23 is now using a 100 Hz. Output PL to cut out some of the interference while you are going down the road.

* * * * *

Recently I found myself laid up again with my old heart problem. The time I had left after this last episode didn't allow for me to contact all the clubs in the Eastern half of Virginia. I will be working in the weeks to come on contacting more clubs to bring you more information. Right now I receive the Spark,Parc, and Middle Peninsula club newsletters, and for that I am grateful to all who have helped in that endeavor. I still need help in the way of newsletters and web sites.

I'm also on the list server for the RATS group in Richmond.

* * * * *

I do wish to welcome two new additions to the Repeater Journal staff in Virginia.

Lyle Palmer KI4BH, a news writer from Hillsville, and Randall McKenzie a features writer from Roanoke have joined our team.

Lyle and I will be working closesly together getting regular news coverage across Virginia. Randy will be doing mostly feature stuff, but occasionally feeding us news as he gets it. Lyle and I plan to split state in two portions to mark our areas of news responsibility. This chore is still up in the air at press time but will be settled very soon.

See you all soon. Take care and 73.

Mike W1CLS

5/97
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Certified Public Accountant
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Knoxville, Tennessee 37912
423 688-7771
Fax 281-9481
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The Editor!!!

5/97
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29.620	Beckley, WV	KA8OTX . . . Spruce Mountain
29.680	Bluefield, VA	WZ8E . . . . . Oneida Peak
145.170	Beckley - West	WV8B . . . . . Bolt Mountain
145.230	Beckley - North	N8FWL . . . . . Lick Knob
145.250	Bluefield, WV	KD8XK . . . . . East River Mt.
145.310	Beckley - East	N8FCJ . . . . . Mann Mountain
146.625	Beckley - South	WV8B . . . . Flat Top Mountain
146.685	Mt. Lake, VA	WZ8E . . . . Salt Pont Mountain
146.955	Bluefield, VA	WZ8E . . . . . Oneida Peak
147.030	Mullens, WV	KC8IT . . . . Herndon Mountain
147.270	Roanoke, VA	KB4QWO . . . . Poor Mountain
224.120	Beckley - South	WV8B . . . . Flat Top Mountain
442.300	Beckley - West	W8LG . . . . . Bolt Mountain
442.850	Roanoke, VA	KA4IXK . . . . . Poor Mountain
442.975	Abingdon, VA	KB8KSP. . . Brumley Mountain
443.475	Beckley - Town	N8FWL . . . . . Sullivan Hill
443.625	Bluefield, VA	WZ8E . . . . . Oneida Peak
444.000	Mullens, WV	KC8IT . . . . . Bear Wallow, N.C.
444.125	Beckley East	W8LG . . . . . Mann Mountain
444.400	Alderson, WV	WV8B . . . . Keeney Mountain
444.625	Bluefield, WV	WZ8E . . . . . East River Mt.
444.800	Beckley - North	WV8B . . . . . Lick Knob

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Since we don't always expect to have a Great day....
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She'll make your day feel great!

Tennessee News East

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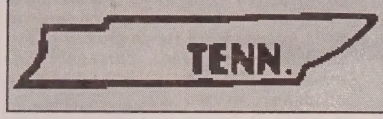

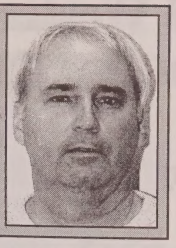

As spring has finally settled in and we are all getting used to the warm weather, it is now time to turn our attention to the many hamfests that will be available to us throughout the rest of the year. It will definitely give us fun places to go with the potential to buy all kinds of ham radio equipment and supplies, whether we need them or not.

* * * * *

First, let's take a look at the Oak Ridge Amateur Radio Club where congratulations are definitely due. Shown in the related picture is O.D. Keaton, WA4GLS, the Tennessee Section Manager standing on the right presenting the president of the Oak Ridge Amateur Radio Club, John Soldano, N8LOZ, a plaque from the American Radio Relay League, Inc., commemorating fifty years of affiliation with the league. This is the first and only club in the Tennessee Section to receive this award.

Fifty Years of Affiliation

O.D. Keaton, WA4GLS, (right) ARRL Tennessee Section Manager congratulates John Soldano, N8LOZ, president of the Oak Ridge ARC, and presents him with a plaque from the ARRL, commemorating fifty years of club affiliation with the League.

In other news in the East Tennessee region, the Washington County area now has a new emergency coordinator for ARES. Her name is Pam Hardin, KE4KTD. She took over the position at the last of January. Pam has high hopes of renewing and getting local club members and amateur operators active with ARES operations again. The local ARES/CLUB repeater will be the W4ABR, 146.190/146.790 machine in Johnson City. Back-up repeater will be the 147.870/147.270 machine also in Johnson City.

* * * * *

Nashville news shows the ARES net meets at 7:00 PM each Monday evening on the 145.470 repeater. The number of "check-ins" varies each week between 55% and 77% of the total number of members (112). The club has a monthly breakfast the first Saturday of every month. They also have an Amateur Radio Awareness Day where members provide a public display of amateur radio equipment. This sounds like a great way to introduce new hams to the greatest hobby in the world.

* * * * *

Radio Amateur Club of Knoxville, better known as RACK, reminds everyone to tune into their technical net every Monday evening at 9:00 PM on 147.300. The RACES net is heard weekly on Wednesdays at 9:00 PM on the same frequency.

* * * * *

By now almost everyone has at least one or two hamfests behind them. However, there are at least two note worthy ones to mention in this column and both are in May. On Saturday, May 10, the RACK Club will sponsor their annual hamfest at Chilhowee Park. Always a good turnout, with lots of vendors, good food, a lot of fun, plenty of prizes, and ample parking. If you need more information you can call the Knoxville Hamfest Chairman, Carol Whetstone, N4LFR at (423) 673-0475. Talk-in frequency will be 147.300, 224.500 and 444.575. The hamfest starts promptly at 8:00 AM.

Right on the heels of the Knoxville Hamfest will be Hamfest Nashville, 1997. The Nashville Amateur Radio Club, Inc. will host its 4th annual hamfest in the agriculture building and adjoining building at the Tennessee State Fairgrounds in Nashville. The event is all indoors and air conditioned. Talk-in frequency will be 145.470. A lot of great prizes will be given away at this hamfest.

There are other hamfests to go to throughout the year. On July 19, Crossville will be having their hamfest. I apologize for not having additional information but any interested parties can contact Kenneth Mathews, wd4cqe@multipro.com. The Bristol Amateur Radio Club is a sponsor of the Tri-Cities Hamfest that is held each October. I can't think of a more scenic place to drive to during the autumn months. Don't worry, I have plenty of time to fill you in on that hamfest.

Also, here's another reminder for you, don't forget Field Day in June. It is one of the best ways I know to introduce others to the great hobby of Ham Radio. Here is a place where others can see it in action for themselves.

Thank you to all of the clubs around East Tennessee for the information they graciously provided. I hope to have even more for you in the next edition.

Succumbs to the times . . .

Another saga in the passing of time. The Radio Amateur Callbook which has been publishing since the '20s will cease publication of its famous callbooks.

Future editions will only be available in CD-ROM versions.

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e-mail: DBHenders@Worldnet.att.net

General Information and Chairman:
Tommy Queen K4BNP - (704) 258-2639
e-mail: K4BNP@juno.com

VE TESTING by WCARS/VEC. 2:00 pm. Site TBA. Bring original and copies of license and CSCEs. Walk-ins only. Fee: $6.25. For Info: Norman Harrill, N4NH at (704) 253-1192.

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For Advanced tickets clip and mail with SASE to:
WCARS Hamfest Tickets
PO Box 1488
Asheville, NC 28802

Requests received prior to July 16, 1997 will be sent via return mail. Requests after that date will be held at Gate.

Name: _____ **Callsign:** _____

Street Address: _____

City, State, Zip: _____

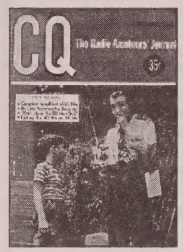
#Admission Tickets: _____ **# Extra Prize Tickets:** _____ **Amount Enclosed:** _____

49-Year-Old CQ Magazine Good Reading!

-by Wayne C. Williams, K4MOB

The magazine came out 10 years before I got my license, but boy did it bring back a lot of early memories of my first ham years.

I'm talking about a September 1948 CQ Magazine that Dave Shiplett, AC4MU let me borrow. He said he picked it up in a junk box at a hamfest.



The cover price was only 35¢ with a year's subscription $2.50 or 2 years for $4.00 and each additional year $1.00.

One of the first things you notice as you start reading through mastheads and story credits - most all of the callsigns are "W" x three or "W" by two. Back in 1948 that's all that was being issued across the country. "Ks" hadn't started yet.

The cover picture of this magazine has what may be the world's first walkie talkie. It was a crystal controlled 2-meter transmitter and superhet receiver. It weighed over 50 lbs. with the battery case strapped over your shoulder.

Throughout the magazine were stories on building. A new receiver, a transmitter, an oscillator. Ham radio was just entering an era after the war of commercially built equipment. In the '30s, you bought a tube and built your own. In the late '40s commercial transmitters and receivers became available from such famous old manufacturers as Collins, Hallicrafters, National, Stancor, E.F. Johnson, Gonset, Heathkit, Hammarlund, Dow, Allied and Capitol.

Accessories were available from companies such as B & W, Mallory, Henry, Harvey, Harrison, Fair Radio, Electro-Voice, Bud, Burstein-Applebee, RCA, Amphenol, McMurdo, Webster and Wells.

The classified ads were full of radio stations for sale. Lots were home brew. Many descriptions ended with "mounted in 6-foot rack." Some said come with your truck and take it away.

"Complete Amateur station ready to go. 85-watt phone transmitter, converted BC-348, Turner Mike, headphones. All mounted in 19" x 6 foot rack. First $125 takes the lot."

Were there $1,000 radios in 1948? Yes there were. Collins advertised their 30K-1 for $1,450.00. The 75A-1 receiver was $375.00.

Vacuum Tube companies were big in advertising in Amateur Radio magazines. In those days, most equipment was built from scratch by the Amateurs. The bought a tube, components and built it themselves.

The deal of all was from Allied Radio. They advertised "Get on the Air with this complete Allied-Hallicrafters low cost ham Station."

The station included a Hallicrafters S-38 Receiver, HT-17 Transmitter with 40 meter coil, a quality handkey, a 2000 ohm double headset, one Bliley 40 meter crystal, two antenna insulators, a 200-ft. roll of #14 antenna wire, ARRL station logbook, and the Amateur Radio Callbook. All this for $103.75. $20.75 down, $7.33 monthly for 12 months.

Dropping a few names from 1948

Another neat thing included inside the magazine was an FCC 610 form (revised 1946). One notable portion of the application, if you were renewing your license, you had to show, by filling out a station log portion at least three entries of three other hams you had worked within the past six months. THEN it had to be notarized by a Notary Public. On the back side of the Form 610 was the information provided for administering a Novice License. This class license could be given to an applicant by a licensed General or above. The test was mailed to the person, was opened in presence of applicant, test given, immediately sealed and mailed with the completed form to the FCC. The code test included sending and receiving. To pass a person had to copy at the appropriate rate errorless for at least one minute.

You could spend hours on this old magazine. Hopefully, I have been able to give you a few ideas of what it was like, or if you were around, give you a few moments of pleasant memories of the "good old days."

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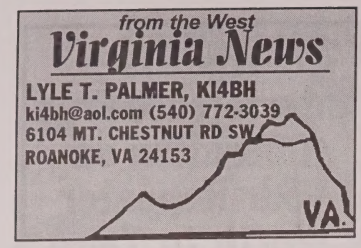

I wish to begin by thanking Wayne Williams K4MOB and Don Williams WA4K for giving me the chance to contribute Western Virginia news to the Repeater Journal. If clubs will include me on their newsletter mailing list, and if ARES ECs will keep me informed as to the goings on in their respective organizations I will endeavor to make this information available to all of you.

For those of you who are wondering about me. I'm Lyle T. Palmer KI4BH, 48 years old. My novice ticket was issued on 25 December, 1978. I've often wondered if there was a message from the F.C.C., in that date. If so it was the single greatest Christmas Gift I've ever received. In addition I'm Director of Education for the Roanoke Valley Amateur Radio Club and an ARRL VE.

Enough about that, on to the Western Virginia News.

* * * * *

Terry McCrickard, KD4URK, Franklin County EC is busy directing an enthusiastic new ARES group. Meetings, for the 15-20 devotes, are held on the second Monday of every month, at 7:00 P.M., in the American Red Cross Building, South Main Street, Rocky Mount.

* * * * *

A dedicated group of Roanoke Valley ARRL VEs, led by Terry Vlug AE4EW, offer walk-in exams at 2:00 P.M. on the third Sunday of every month except December. Exams are given at the American Red Cross, 352 Church Ave. SW Roanoke. For Information phone 540-890-6782. Everyone is welcome.

* * * * *

The Floyd County ARES Net meets every Saturday night at 7:00 P.M. on 146.745 (PLL 102.7). This is a wide coverage machine. It can be hit from much of Western Virginia and a large portion of northern North Carolina. Don KE4UGF, Floyd County EC would welcome your check-ins.

* * * * *

The Roanoke Valley Amateur Radio Club began ARS classes at 7:00 P.M. 2 April. There were 55 inquires regarding enrolled for the 10 weekly classes. ARRL Video Tapes are being used as a teaching aid, along with ARRL Manuals. The final night will include a test session. With this interest in upgrading and new tickets, Amateur Radio is alive and well in Roanoke. I challenge other Virginia Clubs to take a hint from this item.

Amateur Radio needs growth to retain that portion of the spectrum commercial interests desire to snatch from us.

* * * * *

That's all for now. Again, I urge anyone with an item of interest related to Amateur Radio in Western Virginia to contact me. I'll do my darnest to include your tips in future Journals. I hope to hear from you.

STU SIMS, N4MXC covers Georgia news from a Director's viewpoint, in every issue of the *Repeater Journal.*

Pure logic gave the answer!

The little story we had on page 48 of the Feb., Mar., April Repeater Journal drew dozens of responses by email, telephone, and U.S. Mail.

A second-time winner in our brain teasers was John Covington, WN4BBJ of Charlotte, NC. However, we had his and another correct one arrive at exactly the same time, so we awarded two prizes one to Covington, and the other to Fred Deem, III, N4ZCG of Fayetteville, NC. They each received a free years membership in SERA. We had about 6 others who correctly answered the question, but there were dozens who never got it.

To save space . . . we'll just print the proper question the Prime Minister asked to save his life. You might go back to last issue of the Journal to read the entire story.

Here's the proper question:

"If I should ask the other man which door leads to the guillotine or my office what would be his answer?"

It is immaterial which man he asks, the answer will be a lie.

The truthful man would tell him the truth about what the liar would answer, and the answer given the Prime Minister would be a lie.

The liar would lie to him about the truthful answer the truthful man would give, and the answer would again be a lie.

Congratulations to the winners, and thanks to all who participated.

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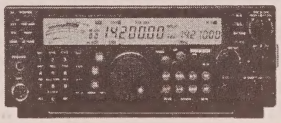
TH-79ADH		TS-870S

TS-570D



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* Noise blanker/ CW electronic keyer
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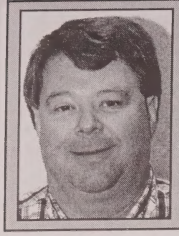

Tennessee News West

BOB GAULT, KD4NEC. bgault@wingnet.net
221 CEDARWOOD TRAIL
CLEVELAND, TN 37312
TENN.

VOAD - Helping Coordinate Disasters

Emergency service providers in southeast Tennessee have formed an alliance that will strengthen their bond to help those in need during a disaster.

They first came together two years ago to form "Volunteer Organizations Associated with Disasters," or VOAD for short. It was patterned after the Tennessee State VOAD in Nashville.

Several organizational sessions were conducted and enthusiasm was high. But then the departure of some of the officers left it in a state of limbo with full responsibility resting on the shoulders of chairman Brent Fenton.

Fenton, a Red Cross volunteer, possessed a strong commitment to see the Southeast Tennessee VOAD succeed. His belief in the concept has paid off and today the same groups that formed VOAD in 1995 have agreed to form a stronger organization.

The organizations which make up VOAD include amateur radio operators who are part of ARES and RACES; Seventh Day Adventist Community Services; the disaster teams of the United Methodist Church, Southern Baptists, Church of God Men and Women of Action,and Presbyterians; local Red Cross chapters; Emergency Management organizations; and the Civil Air Patrol.

Fenton said the Red Cross has been a driving force in formation of VOAD groups across the country.

"They've been trying to get a lot of these other organizations involved."

One reason to seek assistance from other emergency service providers has been the tremendous burden placed on Red Cross disaster services caused by one disaster after another in recent years.

Fenton said the Southeast Tennessee VOAD is one of the first organized in Tennessee. It serves Bradley, Hamilton, McMinn, Meigs, and Polk counties.

"There were a lot of organizations like the Southern Baptist Convention that were operating and they weren't being utilized efficiently."

As a result there was overlapping of some services and a burden on providers who tried to pick up the slack. "What it does is stop the duplication of services and also we can back each other up."

A directory has been published identifying organizations that have joined VOAD listing services they provide. While some can offer families in distress clothing and food, others such as Church of God Men and Women of Action are construction workers who help repair and rebuild damaged structures.

One other important service VOAD can provide is to prevent needs which are not met by other organizations from falling through the cracks.

Fenton recently passed the chairman's gavel to Steve Thomas, another Red Cross volunteer. Other officers elected are Rev. Bill Griffith, vice chairman, Chris Bynum secretary, and Doyle Pittman treasurer.

His commitment remains and he will continue to be involved in VOAD through an amateur radio club. "It's just been a good deal for the whole thing across the line."

Future plans include coordinators in each of the five counties which are part of the Southeast Tennessee VOAD. They will occupy seats in Emergency Operation Centers of each county during times of an emergency offering assistance whenever possible.

* * * * *

Many clubs are going on the World Wide Web to promote amateur radio and themselves to the world. The Chattanooga Amateur Radio Club can be reached at http://www.geocities.com/CapeCanaveral/Lab/3154/carc_index.html.

Their web page includes information about the club's October hamfest, the Skywarn Weather Spotters program, and nets they sponsor.

Three are conducted each week. On Sunday's at 9 p.m. you can check in on the 146.790 Mhz. machine. Their TAG Skywarn net is conducted at 8 p.m. on Tuesday's on the 146.610 Mhz. repeater, and an emergency services net is held at 8 p.m. on Thursday's on the 146.790 Mhz.repeater.

Collegedale hams have a web page at http://www.southern.edu/people/ham/. They have included pictures of club members and activities and information about Adventist hams. There are links to other amateur radio sites.

Their weekly net is held on Thursday's at 7 p.m. on 147.000 Mhz.

* * * * *

Writing in the Greater Collegedale Amateur Radio Club news, president Jeff Yeager, KQ4HC, challenged members to expand their amateur radio horizons. He urges them to "try a different mode of communication, operating on a new band, building a project, or just becoming more active on the air."

Trying something new will only expand your horizons and your interest in amateur radio. If you are not part of a club - join one.

They are a great opportunity to meet face-to-face with other hams you've talked to over a local repeater. New hams can meet seasoned veterans and benefit from their years of experience.

* * * * *

The Chattanooga Club is moving into a new program that will expose newly licensed hams to the knowledge attained by those who've been involved in the hobby for years. Attending a recent club meeting, I was most impressed with their efforts to organize an "elmer" program. Ham radio veterans will pair with those just getting started to answer questions, assist in getting equipment, and upgrading when the time comes.

* * * * *

Spring arrived early this year ushered in by severe weather

that touched both sides of the state. In early March, hams helped during tornadoes, high winds, flooding, hail and heavy rain which caused damage in six west Tennessee counties. On March 7, 1997, President Clinton issued a major disaster declaration for Dyer, Obion, McNairy, Carroll, Cheatham and Montgomery Counties.

Across the state and nearly a month later, tornadoes left millions of dollars in damages to several counties in the southeastern corner of the state. Hardest hit was Chattanooga, where emergency services were still helping victims of the severe weather as this issue of The Journal went to press. Earlier in this article we explained VOAD, a council of emergency services. According to chairman Steve Thomas, VOAD was being used and is working to provide homeless families with the services they need.

* * * * *

Finally, my home club, the Cleveland Amateur Radio Club, will celebrate it's 35th anniversary in early June. Celebration of the event will coinside with Field Day activities.

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VE/VEC EXAMINATION SCHEDULE

This schedule is published free as a public service of SERA. Schedules are supplied by the individual VEC/VE teams on a quarterly basis. Examinees are urged to call numbers listed to verify schedules before planning to attend an examination. Changes to the lists may be made to the Repeater Journal editor. The Repeater Journal assumes no responsibility for erronious or outdated listings.

ALABAMA

Rainbow City (WCARS-VEC) (145.49)

Walk-in exams on 2nd Saturday of each even month at 9:00 AM - Rainbow City Hall. Sked: Jun 14, Aug. 9, Ocvt. 11, and Dec. 13. Contact Gene McGlaughn KC4TFF (205) 492-8194 or Alternate, Lloyd Heald, Sr. AD4VB, 205 Sherwood, Gadsden, AL.

ARKANSAS

Forrest City (WCARS-VEC) (146.76)

Walk-ins on 2nd Sat. of even months at 9:30 AM at the East Arkansas Comm. College. Sked: Jun. 14, Aug. 9, Oct. 11, Dec. 13. Contact Tom E. Elliott, KK5YN at (501) 633-4207 or Alt. Preston E. Koelling, N0HNQ at (501) 630-1168.

Helena (WCARS-VEC) (145.39)

Walk-ins are held on the 2nd Saturday of odd months at 9:30 AM at the Chamber of Commerce Building. Sked: May 10, Jul. 14, Sep. 13, Nov. 8. Contact Nicholas L. Jacks, WX5J at (501) 338-8520 or Alt. Tom E. Elliott, KK5YN at (501) 633-4207.

GEORGIA

Atlanta (North) (ARRL-VEC)

Walk-ins 4th Sunday monthly 2:30 PM at Church of the Atonement, Highpoint Rd. Call Neil Foster, KC4MJ 449-3340

Augusta (ARRL-VEC) (146.985)

Walk-in exams 2nd Saturday, odd months at Hillcrest Bap. Ch. (Hwy US-1 S) at 9:00 AM. Contact Ace Norton, NA4I (706) 798-5060.

Augusta (Dearing) (ARRL-VEC) (146.775)

Walk-in exams on 1st Saturdays of even months, registration at 9:00 AM at the CSRA RESA office (old Dearing School), Contact Mark Cheek, AB4XB (706) 595-5867(N) 556-6225(D).

Dalton (WCARS-VEC)

Walk-ins on last Saturday of even months at Dalton Jr. High Tech. Lab at 3:00 PM. Sked: Jun. 28, Aug. 30, Oct. 25, Dec. 27. Contact Bert. L. Coker, N4BZJ (706) 259-5625 or Harold W. Jones, N4OTC, (706) 673-2291.

DeKalb County (CA-VEC)

Walk-ins 4th Thurs. at 7:00 PM at DeKalb Co. Police, East Precinct, Lithonia. Call Harvey Pearson, WB4PHF 972-5061.

Douglasville (QRV-VE)

Walk-in exams 4th Tuesday of each month at the United Way Service Center on Fairburn Rd. at 7:30 PM. For info contact Team Liaison, Shirley Durham, KR4KO at (404) 949-9025. Doors open at 7:00 PM.

Ellijay (WCARS-VEC)

Walk-in exams on 1st Saturday of each month at the Gilmer Cty. Pub. Library at 8:00 AM. Sked: Jun. 7, Jul. 5, Aug. 2, Sep. 6, Oct. 4, Nov. 1, Dec. 6. Contact Hugh Beam AD4E (706) 276-6660 or Alt. Dorothy Beam N4DTC, (706) 276-6660.

Lawrenceville (W5YI-VEC)

Walk-in exams 1st Sunday, monthly at 2:00 PM at Jackson EMC, 461 Swanson Rd., Lawrenceville. Contact Duane Reynolds, WB2YAD, 962-9582.

Lilburn (W5YI-VEC)

Walk-in exams sponsored by the Gwinnett ARS are held on 4th Friday, monthly at 7:00 PM at St. John Neumann Church, 801 Tom Smith Rd. Contact Howie Gould, W4NVF, 921-8362. Headphones!

Marietta (CA-VEC)

Walk-ins each 3rd Saturday of the month at 9:00 AM at the Marietta 1st United Methodist Church, 56 Whitlock Ave., RM 319. Contact Larry Huff, WA4CQZ - 955-3171.

Milledgeville

Walk-in exams 2nd Saturday of each month at 10:00 A.M. at the Mary Vinson Library on Jefferson St. For further information, call Charles Pennington, K4FRM at (912) 453-8977.

Peachtree City (CA-VEC)

Walk-in exams 1st Saturdays at 9:00 AM at Peachtree City - City Hall. Take exit 12 off I-85. Contact Mike Murphy, KB4KZY, 487-7494.

Roswell (ARRL-VEC)

Exams 1st Monday of each month at 7:15 PM at the St. Ann Catholic Church, 4905 Roswell Rd., Marietta. For info, contact: Delaine McCarthy, KM4FV 993-9758.

Stone Mountain (CA-VEC)

Walk-ins 2nd Saturday of each month, at 8:30 AM at Stone Mt. Methodist church, Contact Hal Martin, KI4RD, 469-6430.

INDIANA

New Albany (WCARS-VEC) (146.85)

Walk-ins 3rd Saturday of even months, 10:00 AM to 2:00 PM at Indiana Univ. South, Rm 204 Knobview Hall. Sked: (Jun. 21 at Salem, IN hamfest), Aug. 16, Oct. 18, Dec. 20. Call Dick Truax, K9RT, (812) 246-6377 or "Mac" McCrory, NM9A, (812) 944-6661.

KENTUCKY

Hazard (WCARS-VEC) (146.67)

Walk-in exams 2nd Monday Night each quarter at 7:00 PM at Hazard City School Business Office. Sked: Sep. 8, and Nov. 10. Contact John Farler, K4AVX (606) 436-5354.

Hopkinsville (WCARS-VEC) (177.03 -T@103.5)

Walkin exams are held on 2nd Tuesday nights of even months at 7:00 PM at the Riverfront Community Center on Jun. 10, Aug. 12, Oct. 14, and Dec. 9. For more info contact: Steve Johnson KT4MT (502) 885-1652

Irvine (WCARS-VEC) (146.82)

Generally monthly sessions at Estill Cty. H.S.. Walk-ins normally accepted. Sked: Sep. 13, Oct. 11, Nov. 8, Dec. 13. Call Dwaine Riddell, WB4AIA (606) 723-4500 or Glen Wise, WB4ZJB (606) 723-4933.

Lexington (WCARS-VEC) (146.76)

One Sunday session in first month of quarter, at Lexington Public Library, Main St. at 1:30 PM. Sked: Jul. 12, Oct. 11, and Dec. 6 (this date in Salyersville) Call Junior Carty, KR4HT (606) 255-2123 or Joe Esposito, K2YJL (606) 225-7166.

MISSISSIPPI

Gulfport (ARRL-VEC)

Exams held at Harrison Cty. Courthouse in CD conference room at 9:00 AM on 1st Saturday of each month. Call: Tommy Jackson, KB5OGM - 868-3450 or Donna Alexander, KA5OER - 896-4984.

Ocean Springs (ARRL-W5YI VEC)

Exams at 7:00 PM at Ocean Springs Library in meeting room. Pre-registration, limited walk-ins accepted. Contact Stan Hecker, AA4SP (601) 875-9341 (d) or (601) 875-0222 (n).

NORTH CAROLINA

Asheboro VE Team

Exams quarterly at Belfour Baptist Church, 1642 N. Fayetteville St. and at other times warranting an exam session. Contact: Dwight Ayers, N4ZRT, P.O. Box 246, Cedar Falls, NC 27230, (910) 629-5516.

Asheville (WCARS-VEC) (146.91 - 146.76 - 224.60)

Walk-in exams at 9:00 AM 3rd Saturdays of each quarter at AB Tech, Elm Bldg. Rm. 134. Sked: Jul. 19, Oct. 18. Contact Don R. Linn, KD4KGC (704) 628-2681 or Don Lovelace, W4MT, (704) 243-1921**345.

Asheville (WCARS-VEC) (146.91 - 146.76 - 224.60)

Walk-in exams at 9:00 AM 3rd Sunday, 2nd Month of quarter at AB-Tech, Elm Bldg., Rm. 134. Sked: May 18, Aug. 17, Nov. 16. Contact Steve Lanford, KC4ZYN (704) 645-3511 or Michael Robinson, AD4XZ (704) 626-3270.

Asheville (WCARS-VEC) (146.91 - 146.76 - 224.60)

Walk-in exams at 9:00 AM on 3rd Saturday, the first month of quarter at AB-Tech, Elm Bldg., Rm. 134. Contact Don Linn KD4DGC (704) 628-2681 or Don Lovelace W4MT (704) 243-1921.

Asheville Hamfest - Clyde NC (146.91 - 146.76 - 224.60)

Walk-in exams will be given at the Western Carolina ARS Hamfest on Jul. 26 at 1:00 PM at the Haywood Comm. College. Contact Lewis Linn, AC4WI (704) 684-342' or Norman Harrill, N4NH (704) 253-1192.

Brevard (WCARS-VEC) (146.76)

Walk-in exams at Brevard College will be held at 9:00 AM on May 18, Aug. 10 & Nov. 2. Call W. Harrison Whitlock, KO4RV (704) 877-4757 or Norman Collins, AE4ER (704) 883-9096.

Burnsville (WCARS-VEC)

Walk-in exams given at the Yancey Cty. Public Library on 2nd Sat., 2nd month of quarter. Sked: May 10, Aug. 9, Nov. 8. Call David McCarty, KK4PW (704) 675-9044 or David L. Gillespie, WA4LLR (704) 675-9942.

VE Exam Schedule Continues on Next Page

Western Carolina Amateur Radio Society/VEC, Inc.

An Amateur Radio Volunteer Examiner Coordinator

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For more information or newly issued callsigns call: (423) 689-6358 (11 AM to Midnight - 7 days a week incl. holidays) For VE team info, please contact one of the following:

Win Guin, W2GLJ
2138 Sonning Drive
Germantown, TN 38138
901 754-4552
WINGUIN@worldnet.att.net

Ray Adams, W4CPA
5833 Clinton Hwy, Suite 203
Knoxville, TN 37912-2500
423 688-7771
WCARS@korrnet.org

Norman Harrill N4NH
7 Skylyn Court
Asheville, NC 28806
704 253-1192
NormanHarrill@worldnet.att.net

John Chism ND4N
139 Mustang Circle
Simpsonville, SC 29681
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VE/VEC EXAM - P2
SCHEDULE Continues

Charlotte (ARRL-VEC)
The Mecklenburg VE team gives exams quarterly in Feb., May., August, and Nov. at the East Baptist church on E. Monroe Road. Call: Bob Rochelle, WA4DAZ - (704) 948-7373 or Mary Hunt, KA4EXP (704) 948-6006.

Durham (VE TEAM)
Walk-in exams 2nd Saturday of odd months. For additional info: SASE to AB4VJ, P.O. Box 61971, Durham, NC 27705.

Fayetteville CFARS (ARRL-VEC) (146.91)
Walk-in exams 2nd Saturday of odd months at Methodist College in Science bldg. Regis. 9:00 AM. testing 9:30. Contact CVE Fred New KN4SS at (910) 497-6589.

Greensboro (W5YI-VEC)
Walk-in exams 3rd Thursday of each month, except December at Middle School Science & Math Bldg., Greensboro Day School. Registration at 6:30 PM, exams begin at 7:00. For info on Amateur or Commercial testing, contact: Charles Layno, WB4WOR (910) 288-3635, 7-9 PM, Mon. thru Fri. or call Real Talk (910) 299-2525, prompt 0076.

Greenville (Brightleaf ARC)
The Brightleaf ARC will conduct walk-in exams on some even months, friday nights at 6:30 PM. All sessions will be held at St. Peter's Catholic School in Greenville. Sked: Jun. 20. Contact Brother Simon Jaworski osf (KQ2V) 752-3529 (work) or 752-3901 (home).

Hendersonville (W5YI VEC)
Blue Ridge QCWA conducts walk-in exams, (courtesy of reservation requested), at the Blue Ridge CC at 2:00 PM. some Sundays. Call W2YTO for Skedule (704) 891-4359.

Hendersonville (WCARS-VEC) (146.64)
Walk-in exams will be held at 9:00 AM last Saturday 1st month of quarter at Blue Ridge CC at 9:00 AM. Sked: Jun. 28, Nov. 29.Contact John Robinson, N1ARA (704) 687-7937, or Lewis Lynn AC4WI, (704) 684-3424.

High Point (W4VEC-VEC)
Exams occasional basis. Call Jim Williamson, NQ4T at (910) 841-7576 for more details. Sessions available for 5 or more.

Kernersville (W4VEC-VEC)
Walk-in exams for all classes and code speeds are held on 1st Saturday monthly, 9:00 AM at Kernersville Public Library, basement entrance at rear. Call Rick Cochran, WO8L (910) 945-0334.

Leicester (WCARS-VEC) (146.835 & 224.66)
Walk-in exams 2nd Saturdays each quarter at 9:00 AM at Leicester VFD on Hwy. 63, (Asheville). Sked: Jun 14, Sep. 13 & Dec. 13. Call: Larry E. York, WB4PLA, (704) 683-1400, or Stanley Ward, WD4AVY (704) 683-2341.

Lexington (W4VEC-VEC)
Walk-in exams at 9:00 AM at the Robbins Recreation Center. The schedule is: May 17, Jul. 19, Sep. 20 and Nov. 15. For add'l info call Rae Everhart, K4SWN (910) 249-8734, or email: raef@infoave.net.

Marion (WCARS-VEC) (146.985)
Walk-ins at locations and times to be announced. Sked: Aug. 9, Dec. 13. Call Randy Freeman, AC4JS, (704) 668-3176 or Cecil Potter, WB4UCF (704) 724-4007.

Monroe (W5YI-VEC)
Walk-in exams are held at 1:00 at the Red Cross Bldg. on Franklin St. For info, and schedules, call Buddy Teague, N4MZL, (803) 286-5299.

Morehead City (CCARS-VE Team)
Pre-registration preferred, limited walk-ins on 3rd Saturday of odd months at 1st Presbytarian Church, 9:00 AM. Call Art Sylvester (919) 726-1205.

Morganton (ARRL-VEC (147.15)
Walk-in exams are held on the 4th Saturday of each month at the Burke County Public Library on S. King St. beginning at 9:00 am. All levels of testing including CW tests. Sked: May 24, Jun. 28, Jul. 26, Aug. 23, Sep. 27, Oct. 25, Nov. 22 and Dec. 27. For info, contact Col. Tom Taylor, KC4QPR (704) 433-6205 or email: kc4qpr@hci.net.

New Bern (ARRL-VEC)
New Bern ARC sponsors walk-in exams on the 1st Saturday of each month at 9:00 AM at the Craven Community College, Rm C-15. Contact Charlie Gould, KC3SB (919) 633-3178 or Ray Hemphill, KI4SJ (919) 637-4824.

Raleigh
Exams 1st Wednesday of even months. Pre-register by mail with SASE to AA4MY, 220 Carriage Trail, Raleigh, NC 27614.

Rocky Mount (ARRL-VEC) (147.12 or 224.22))
Tar River ARC will have walk-in exams at 9:00 AM at J.C. Penney conference room, Golden Gate Crossing Mall. Sked: May 24, Jul. 26, Sep. 27, Nov. 22. For more info: Call Bill Thomas, N2BT, (919) 442-6131.

Robbinsville (WCARS-VEC) (147.045(-))
Walk-in exams at the Graham Cty. Public Library at 7:00 PM on 2nd Saturday, 2nd month of Quarter. Sked: May 10, Aug. 9, Nov. 8. Call Janet N. Ward, KR4DU (704) 479-3173.

Rutherford County (WCARS-VEC) (147.24)
Exams at Isothemal College in Spindale on 1st month of each quarter at 9:00 AM. Sked: Jul. 12, Oct. 11. Call: F. Bruce Tessinear, KD4OJ, (704) 657-5464. or A.B. Brackett, KO4FJ, (704) 245-6534.

Shelby (WCARS-VEC) (146.88)
Walk-in exams at Cleveland Cty. Ofc. Bldg. at 9:00 AM. Sked: Jun. 7, Sep. 6, Dec. 6. Contact Bobby Fisher, AB4OE (704) 937-9697 or John Ledford, N4GOQ (704) 482-4507.

Shelby Hamfest (WCARS-VEC)
Walk-in exams will be given both Sat. and Sun. Aug. 30 & 31 at the Shelby Hamfest at the Cleveland CC at 2:00 PM. Call Norman Harrill, N4NH at (704) 253-1192.

Smithfield (ARRL-VEC)
Triangle East ARA conducts exams on 3rd Saturday each month. Write TEARA-VE, P.O. Box 840, Zebulon, NC. Call Dave Hockaday, WB4IUY, (919) 554-2154 or David Ragan, KR4TP (919) 365-5575.

Thomasville (W4VEC-VEC)
Walkin exams at the Public Library at 9:00 AM. Sked: Jun. 28, Aug. 23, Oct. 25. Contact Ruby Byrd, KF4Ni, (910) 798-4147.

Washington (ARRL-VEC) (146.945)
The Pamlico ARC VE team offers walk-in exams on the 4th Thursday of odd months except 3rd Thurs. of November at 7:30 PM at Beaufort Community College. Sked: May 22, Jul. 24, Sep. 25 & Nov. 20. For info contact Kirk Blackmon, N4NC at 946-7498.

Wilmington ACARC (ARRL-VEC)
Walk-in exams 2nd Saturday of even months at UNC-W in Morton Hall. Register 10:00 AM, testing at 10:30. Call VE Sam Franklin KB4IL (910) 791-0484.

Wilson VE Team
Pre-resig. exams Call Tommy Evans NE4J (919) 291-1738 nights, or 237-1898 days..

Yadkinville VE Team
Walk-in exams by Bear Creek ARC 2nd Saturday of each month at the Yadkinville Elementary School on Rt. 601 at 10:00 AM. Call Steve Hutchens, KX4T at (910) 961-8741 or Richard Robbins, N4WDU at 786-1626. (rrobbins@advi.net)

South Carolina

Charleston (ARRL & W5YI VEC)
Walk-in exams 3rd Saturday each month at 9:00 AM at Trident Tech College, Bldg. 630 in N. Charleston. Contact: Ed Frank, KE2D at (803) 871-4368.

VE Exam Schedule Continues on Next Page

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VE/VEC EXAM - P3
SCHEDULE Continues

Columbia (WCARS-VEC) (145.43)

Walk-in exams 3rd Saturday, even months, at the Red Cross Bldg., Bull Street and Harden Ext., 8:30 AM. Sked: Jun. 21, Aug. 16, Oct. 18, Dec. 20. Call Ray Rogers, N4WR, (803) 345-3373.

Ft. Mill (W4VEC-VEC)

Walkins at the City springs complex at 9:00 AM. on Jun. 21, Aug. 16, Oct. 18 and Dec. 20. contact Jim Hull, K5ZPZ, (803) 548-4526.

Greenville (WCARS-VEC) (146.61)

Walk-in exams 1st Saturday monthly at the Red Cross Bldg. on Grove Road 8:30 AM. Sked: Jun. 7, Jul. 5, Aug. 2, Sep. 6, Oct. 4, Nov. 1, Dec. 6. Contact Sue Chism, N4ENX, (864) 967-0001 or Jim Beach, AC4RJ, (864) 244-3797.

Lancaster (W5YI-VEC) (146.70)

Pre-Registration or Walk-ins. 9:30 AM USC Main Bldg. Call Grady Robinson: 283-8298.

Spartanburg (WCARS-VEC) (147.09)

Exams 2nd Tuesday even months at 7:00 PM at Red Cross Bldg. on Garner Road. Sked: Jun. 10, Aug. 12, Oct. 14, Dec. 9. Call Pete Theiler, KI4KN, (803) 585-4919 nights, (803) 576-5566 days.

Sumter (WCARS-VEC) (147.015)

Walk-in exams 3rd Saturday 8:30 AM odd months at the Abundant Faith Church on Hwy. 521. Sked: May 17, Jul. 19, Sep. 20, Nov. 15. Call Dan Mask, WB4SGH (803) 775-9106.

Tennessee

Atoka (WCARS-VEC) (145.21)

Walk-ins on 1st Sat. of each quarter at 9:00 AM City Hall. Sked: Jul. 5, Oct. 4. Call Walter R. Heald, WB4GIJ (901) 829-3712 or Jerry Covington, KB4VA (901) 476-6075.

Blount County, Maryville (WCARS-VEC) (146.655)

Walk-in exams 2nd Monday even months at 7:00 PM at St. Andrews Ch. Hall. Sked: Jun. 9, Aug. 11, Oct. 13, Dec. 8. Contact: Carrol Peabody, W4PCA, (423) 982-5839 or Charles Williams, AA4WX (423) 983-9594.

Bristol, (W5YI-VEC)

Walk-in exams last Thursday of each month, 7:00 PM at Bristol Regional Medical Cen., Azalia Rm. Commercial exams also 1st month of each quarter on day before Amateur Exams. For info call Bill Owen, W4VS (423) 968-3350 or Bob Alexander, AE4VB (423) 968-3120. Special sessions available as required, plus facilities & accomodations for the handicapped.

Chattanooga CARC (ARRL-VEC)

Pre-Registration exams monthly except July and November at Red Cross Building, McCallie Ave. 6:00 PM. Contact Art Parry, WB4BGX (423) 886-4714.

Cleveland (WCARS-VEC) (147.18)

Walk-ins on 2nd Saturday of each month at 1:00 PM at Cleveland ARC Bldg. Sked. May 10, Jun. 14, Jul. 12, Aug. 9, sep. 13, Oct. 11, Nov. 8, Dec. 13. Contact David Evans, WD4EZC (423) 472-1421 or Danny Centers, W4DAN, (423) 479-6160.

Cleveland (W5YI-VEC)

Pre-registration required for exams on 1st Monday night of even months at the American Red Cross at 8:30 PM. For questions, or registration, Call Rusty Boling, AE4BK 476-6260 (before 10 PM) or Alan, AE4FC 339-3835 (6 to 9 PM).

Columbia (ARRL-VEC) (147.12)

Walk-ins on 3rd Saturdays of odd months, 9:00 AM at the Whitthorne Middle School on the Hampshire Parkway, (Hwy 412W) Call WD4OMP (615) 381-6814.

Gallatin (WCARS-VEC) (147.24)

Exams conducted at Volunteer State C.C. at 2:00 PM. Sked: Aug. 3 and Nov. 2. Call Ronnie L. Gilley, KA4LUG (615) 452-0883 or Jerry Goodchild, K4DZR (615) 824-7699.

Greeneville (WCARS-VEC) (145.39 & 224.94)

Walk-in exams 4th Saturday odd months at Roby Adult Center on College St. Sked: May 24, (No Jul exam), Sep. 27, Nov. 22. Contact Abner Richards, KC4YVR (423) 639-6495 or John Brown, KD4KFL, (324) 639-8569.

Henry County (WCARS-VEC) (147.165)

Walk-ins Saturdays about every 6 weeks at 9:00 AM at Henry County HS, Paris. Sked: May 10, Jun. 21, Aug. 2, Sep. 13, Oct. 25, Dec. 6. Call Mackie Gallimore W4MG, (901) 247-5489 or Les Merrell, KQ4F (901) 642-5966.

Jasper (WCARS-VEC) (145.19)

Pre-Registration, with some walk-ins (exams limited), 2nd Sunday at Jasper Public Library 1:00 PM. Sked: May 11, Jun. 8, Jul. 13, Aug. 10, Sep. 14, Oct. 12, Nov. 9, Dec. 14. Call for pre-regis. info: Charles Wooten, KD4XX, (615) 942-5116 or Wallace S. Brown, KD4XV, (615) 942-2836.

Johnson City (WCARS-VEC) (146.79)

Exams 3rd Saturday even months at 10:00 AM at ETSU, Room 223. Technology Bldg. Register 1/2 hour prior to exam. Sked: Jun. 21, Aug. 16, (No Oct. session) Dec. 20. Contact Jim Bullins, AE4DA, (423) 282-2490 or C.V. Jayne, Jr., W4NHT, (retired) (423) 282-5822.

Knoxville (WCARS-VEC) (147.30 & 224.50)

Pre-register day prior to exam, some pre-registration till 9:30 AM day of exam, code begins at 10:00 AM, written 11:00 AM. 3rd Saturday of month at Pellissippi State Tech. Room B-129. Sked: May 10 (Knoxville HF), Jun. 21, Jul. 19, Aug. 16, Sep. 20, Oct. 18, Nov. 15, Dec. 20. Call Ray Adams, W4CPA, (423) 688-7771 or Rich Slover, ND4F, (423) 681-0170.

McMinn County (WCARS-VEC) (145.31)

Walk-in exams 2nd Monday at 8:00 PM, odd Months at Athens Municipal Building Council Chambers. Sked: May 12, Jul. 14, Sep. 8, Nov. 10. Contact Evan Ray, WA4PNI (423) 263-9300 or Ron Melton, AC4QQ, (423) 744-7988.

Memphis (WCARS-VEC) (145.21)

Walk-in exams 3rd and 4th Saturday of month at 9:00 AM, at Central Church on Winchester Road. Sked: May 17 & 24, Jun. 21 & 28, Jul. 19 & 26, Aug. 16 & 23, Sep. 20 & 27, Oct. 18 & 25, Nov. 15 & 22, and Dec. 20 & 27. Contact Stan Moore, AC4CQ (901) 758-0661 or Win Guin, W2GLJ (901) 754-4552.

Morristown (WCARS-VEC) (147.225)

Walk-in exams at 7:30 PM last Wed. of odd months. Sked: Jun. 14, Aug. 23, Oct. 25. Info & location: John Hall, AD4JB (423) 581-4227 or Perry Hensley, N4PH (423) 828-4848.

Murfreesboro (ARRL VEC)

Walk-in exams sponsored by the Stones River ARC are conducted on the 2nd Saturday of Jan., Apr., Jul., and Oct. at the Murfreesboro rescue squad building on old Murfreesboro Road. Contact Mike Boyea, KE4KMG (615) 896-3668 or Roger Hughes, AC4UU (615) 893-5623.

Nashville (ARRL-VEC)

Walk-in exams sponsored by the Nashville Ve Team are held on the 2nd Saturday of the months of Mar., Jun., Sep., and Dec. at the Nashville Network on Opryland Dr. Registration begins at 9 AM. For information, contact: Murray Jones, K4ANH at (615) 824-7216.

Piney Flats (W5YI-VEC)

Walk-ins on last Thursday of every month at 7:00 PM at Piney Flats Fire Department. Contact Bill Owens, W4VS (423) 968-3350.

Rosemark (WCARS-VEC (145.21)

Walk-ins held at Rosemark Bap. Ch. at 9:00 AM every fifth Saturday. Sked: May 31, Aug. 30, Nov. 29. Contact Walter Heald, WB4GIJ (901) 829-3712 or Win Guin, W2GLJ, (901) 754-4552.

Virginia

Bedford (ARRL-VEC)

Walk-ins 2nd Sunday, 2:00 PM at Liberty Lake Park Admin Bldg. Call Bob Treacy, W2QZY (703) 297-5351.

Chester (W5YI-VEC)

Limited Walk-in, regis. preferred for Amateur and registration required for Commercial exams every 3rd Saturday at 9:00 AM at John Tyler CC, in Chester. The exams are given by the Chesterfield W5YI VE team and National Radio Examiners Team. Pre-registration: (804) 717-2436, mailbox 9

Danville (W5YI-VEC)

Walk-in exams last Tuesday of month at Danville Community College, Hill Building. Registration starts at 6:30 PM. Contact Jim Thomas, KB4XK (919) 234-8938.

Fredericksburg (ARRL-VEC) 147.015+

The Fredericksburg VE Team sponsors walk-in exams at 9:30 AM at the Salem Church Library on Salem Ch. Rd., in Spotsylvania. Contact Kelly Shaw, AC4MB (703) 891-5581 or Carolyn Cavanagh, AC4SK (703) 373-7076.

Galax (BARC Club VEs)

Walk-in exams held 2nd Thursday of each month at 7:00 PM at the Twin Cty. Regional Hosp., Classroom #1. Call James Blythe, NX4B at (540) 236-8672.

Gloucester (W5YI-VEC)

Walk-in exams are held the last Saturday of odd months. Sked: May 31, Jul. 26, Sep. 27, Nov. 29. For more info contact Harry Kepley, N4THN (804) 642-3517.

Richmond (ARRL-VEC)

ARRL exams held 2nd Saturday, even months at J. Sargeant Reynolds Community Col. at 9:00 AM. Contact Rick Cook, AB4U (804) 798-5048.

Roanoke (WCARS-VEC) (146.985 & 224.94)

Exams to be given with location, times and exact dates to be announced in Feb., Apr., Aug. & Dec. Contact Fred L. Horton, KZ4Y (540) 366-6266 or Ben Giavaden, N4BG, Rt. 7, Roanoke, Va. 24022.

Roanoke (ARRL-VEC)

Walk-in exams on 3rd Sunday (except Dec.) at 2:00 PM at the Red Cross Bldg. 352 Church Ave. SW. For further info call C.W. Garrett, AD4AV (540) 774-3656 or Terry Vlug, AE4EW (540) 890-6782.

South Boston (W5YI-VEC)

The Piedmont ARC sponsors walk-in exams 2nd Wednesday of every month at 7:00 PM at the Halifax Cty. HS, room C104. For info call Charles Lowery AB4YR at (804) 575-2055 day, (804) 572-1581 night.

Southeastern Virginia Exam Schedules

Walk-ins are ok most exams. Call contact person listed below in your area for exam dates and locations.

Chesapeake ARC - Contact Bill Schauf, WA9B - 531-9292.

Portsmouth ARC (ARRL VEC) Art Thiemens, AA4AT 484-2857.

Sinclant Fleet WA4ZUA (W5YI-VEC) Bill Schauf, EA9B 531-9292.

Southern Peninsula AR Klub Ed Brummer, W4RTZ 898-8031.

Virginia Beach ARC Judy Rogers KD4JMA 468-9166.

Williamsburg ARC Mike Conte, KD4HYT - 566-8015.

West Virginia

Beckley (W5YI-VEC)

Walk-ins with completed 610 form accepted at 6:00 PM, Room C108 & C109 of MSHA Academy, I-64 at Airport Rd. near Beckley. The exams are conducted by the Smoke Signal Ridge VE Team, and sponsored by the ARA, Northern Div. Contact Gary Holt (304) 787-5753, Barbara Marsh (304) 763-3559 or Alex Hedrick (304) 252-9765 or 673-6622.

Bluefield (W5YI-VEC)

Walk-in exams on 2nd Saturday of each quarter, Feb., May, Aug., and Nov. at 9:00 AM, Bluefield State College. Contact Don Williams, WA4K (540) 326-3338 or (540) 326-2411.

Bluefield Hamfest - June 15

Walk-in exams will be conducted at Bluefield State College on June 15, in conjunction with the Bluefield Hamfest at Brushy Fork Arena. For information, call Don Williams, WA4K (540) 326-3338, or 326-2411 or visit their web: http://www.inetone.net/kq4q/hamradio/veteam.html

Charleston (W5YI-VEC) (147.00)

The Kanawha Valley group gives Novice thru Extra exams, 9:00 AM, on 3rd Saturday of the month at Holy Trinity Catholic church in Nitro. Walk-ins ok.

Glenville (ARRL-VEC)

The Pioneer ARA sponsors walk-in exams on 2nd Saturdays of Feb., May, Aug., and Nov. at the Glenville State college Library at 1:00 PM. Contact call Dave Ramezan, KA8ZXP (304) 462-7988.

Huntington TARA (W5YI-VEC)

Walk-in exams by the Tri-State ARA VE Team at Our Lady of Fatima Church, 545 Norway Ave. Check-in by 9:15 AM, exams at 10:00 AM. Call Jim Baker, K8KVX (304) 736-6542.

Nitro (W5YI-VEC)

Walk-in exams (register at site) are held at the Holy Trinity Catholic Church. Registration begins at 9:00 AM. Call Jimmie Hewlett, WD8MKS (304) 768-1142.

Parkersburg (W5YI-VEC)

Walk-in exams (register at site) are held 2nd Saturday of the months of Feb., April, June, Aug., Oct., and Dec. at 10:00 AM at the E.O.C. on Staunton Ave., Rt. 47. Also Commercial tests. For info Call Dana Pickens, WV8G (304) 422-1823.

NOTE TO PROSPECTIVE EXAMINEES:

It is always a good idea to call the contact person to confirm exam dates, times, and other information as to what will be expected of you when you arrive at the exam site. Many schedules are distributed in advance and changes occur. Most exam fees are now $6.25.

Henry Radio Closes Retail Store

It was announced last month that Henry Radio has closed its famed West Los Angeles retail store on March 20th.

According to Ted Henry, Jr., W6YEY, retail sales of ham radio gear has not been a profitable business for the company for the last several years.

New Name for VEC

Rae Everhart, K4SWN, co-chairman and trustee notified the Journal that the TEARC VEC out of High Point, NC has changed its name officially to W4VEC.

W4VEC is a vanity callsign issued to the club which is called *"Volunteer Examiners Club of America."*

No changes were noted in their examination schedules or locations. The name change is in effect immediately. The VEC office email address is: w4vec@aol.com.

ROANOKE VALLEYFEST '97

HAMFEST AND COMPUTER SHOW

SPONSORED BY THE ROANOKE VALLEY AMATEUR RADIO CLUB

SATURDAY - AUGUST 16, 1997

Doors Open From: 9:00 A.M. til 4:00 P.M.

Dealer Set-up at 6:00 A.M. -Unloading/Loading Help Available

ROANOKE CIVIC CENTER - EXHIBITION HALL - I-581 & WILLIAMSON RD

Talk-In On 146.985 (-600) and 442.50 +

PRIZE DRAWINGS: GRAND PRIZE - $500.00 SECOND - $200.00

FREE FORUMS

- **HAPPY HAMETTE - Cindy -KR4LS -** Columnist for the S.E.R.A. Journal will present the lighter side of Amateur Radio. This is a real Lady Mark Twain. You have got to hear her.
- **KNIGHTLIGHTS - QRP Operating -** Come learn about the exciting world of QRP (low power) Operating.
- **BLUE RIDGE VIDEO & DIGITAL SOCIETY (BVD'S) -** Hear and see demonstrations of Slow Scan and Amateur Television and Amateur Packet Radio System.
- **CONTESTING -Roger- N4ZC** Propagation/Sun Spot Cycle/Dxing and Using the Packet Cluster. Get the tips you need for that DXCC Award.
- **Six Meter Demonstrations - The HOT Band!!!**
- **QSLing - Roger - N4ZC -** Everything you wanted to know but were afraid to ask.
- **ON-Site - ARRL QSL Award Verification.....**

2 - ARRL/VEC NEW HAM/UPGRADE EXAMS

WALK-IN'S ONLY - (1) Registration is at 9:30 A.M. - 10:00 A.M.
Testing begins at 10:00 A.M. SHARP.
(2) Registration is at 1:30 P.M. - 2:00 P.M.
Testing begins at 2:00 P.M. SHARP.

You MUST BRING your ORIGINAL and 1 COPY of any current ham license you hold and any CERTIFICATES OF COMPLETION. Also bring a check for $6.25, payable to ARRL/VEC -ROANOKE, or $6.25 in exact change. Have ready some form of photo I.D., prefer your drivers license. NO PRE-REGISTRATION FOR TESTING IS NECESSARY.

TICKET & TABLE INFORMATION:

GENERAL ADMISSION TICKETS: $5.00 Each
Same price - Pre-Register & Gate

COMMERCIAL DEALER TABLES:

1 st 10 Foot Table w/ 2 Chairs - $20.00
Additional Table(s) - $20.00 Each
Electric Hookup (set by City) - $20.00
Utility tables (back of booth) - $5.00 Each

Commercial table includes: Admission to the fest and 2 chairs. Limited space is located against the walls of the main floor for security These areas will be sold on a first come first served basis.

INSIDE FLEA MARKET TABLES:

Table - Includes 2 chairs $10.00 Each
GENERAL ADMISSION TICKET MUST BE PURCHASED

OUTSIDE TAILGATING SPACE: $5.00 Each
NO GENERAL ADMISSION TICKET REQUIRED FOR OUTSIDE TAILGATING (ONLY).

CONTACTS:

COMMERCIAL DEALERS/INSIDE FLEA MARKET:
Call: Claude -KE4UVO - 540-774-8971 or
ke4uvo@intrlink.com

ALL OTHER INFORMATION:
Call: Ben or Terry - AD4UR/AE4EW at -
540-890-6782 or
ae4ew@ix.netcom.com

VALLEYFEST '97 - REGISTRATION FORM

Mail Check, Payable to R.V.A.R.C., S.A.S.E. and this completed form to:

RVARC, P.O. BOX 2002, Roanoke, VA 24009

NAME:_____ CALL: _____ PHONE: ( ) _____-_____

ADDRESS: _____ CITY: _____ ST: ____ ZIP: _____

I would like _____ _____ ValleyFest Tickets @ $5.00 each $ _____.____

COMMERCIAL DEALER and FLEA MARKET TABLE RESERVATIONS MUST HAVE 50% OF COST PAID BY JULY 1, 1997 TO GUARANTEE SPACE REQUESTED. No refunds after July 15th.

DATE RECEIVED BY RVARC:_____ $ _____.____

COMMERCIAL DEALER: _____ Tables @ $20.00 each $ _____.____
_____ Electric Needed $20.00 - Rate set by City of Roanoke $ _____.____
_____ Utility Tables @ $5.00 each $ _____.____

INSIDE FLEA MARKET: _____ Table(s) @ $10.00 Each - General Admission Ticket Required $ _____.____
Includes 2 chairs

OUTSIDE TAILGATING: _____ Spaces @ $5.00 each - (2 parking space size) $ _____.____

TOTAL: $ _____.____

SERA Repeater Journal Advertising Rate Card

NO. 26 - Effective 1 January 1997

ADVERTISING SIZES & RATES

Full Color Covers Bleed 8-1/2x11"	$400.00
Full-Page 7-1/4x9-7/8"	$150.00
Full-Page Bleed 8-1/2x11"	$175.00
2/3-Page (V) 4-3/4x9-7/8"	$112.00
1/2-Page (H) 7-1/4x4-3/4"	$82.00
1/2-Page (V) 4-3/4x7-1/2"	$82.00
1/2-Page (V) 3-1/2x9-7/8"	$82.00
1/3-Page (V) 2-1/4x9-7/8"	$60.00
1/3-Page (H) 4-3/4x5"	$60.00
1/4-Page (V) 3-1/2x4-3/4"	$48.00
1/4-Page (H) 4-3/4x3-3/4"	$48.00
1/4-Page (H) 7-1/4x2-3/8"	$48.00
1/6-Page (V) 2-1/4x4-3/4"	$33.00
1/6-Page (H) 4-3/4x2-1/4"	$33.00
1/6-Page (H) 3-1/2x3"	$33.00
1/12-Page (V) 2-1/4x2-3/8"	$17.00
Club/Repr Cards (4 Issue Contr)	$27.00
Classified (30 Words Max.)	$4.50
SPOT COLOR (each ad/page)	$50.00
SPOT COLOR (Dbl 2-pgs side-by-side)	$50.00

2nd Color usually bright Red with/black

INVOICING AD INSERTION ORDERS

DEALERS: With a volunteer staff we do not send out and receive advertising contracts and notices. Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the paid returned invoice copy are received, the ad will be repeated and invoiced the upcoming quarter.

HAMFEST: advertising must be ordered each edition for insertion. Payment must accompany insertion order/ advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

Advertising invoices are due upon receipt. Unpaid invoices will require us to withhold any additional ads in until account is paid in full. All Hamfest advertising and Business Card Advertising must be paid in advance of insertion.

SPECIFICATIONS & GENERAL

Sizes listed Above are width by length in that order. Ads received that do not fit dimensions will be adjusted to the nearest ad size and be billed $8.00 production fee. The ad will be billed at the size rate it had to be adjusted to.

Prices quoted are for exact size, camera-ready positive photoprint, pasteup or Laser print ad copy.

Full color ads for covers require negatives, right-reading emulsion down, sized for full 8-1/2x11 bleed. 150-Line screens preferred. Color Match Proof, Color Key or Pre-printed tearsheet should accompany negatives.

Design, typesetting, layout or pasteup is available at a nominal charge.

The Repeater Journal cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

When possible, advertisers requiring typesetting or composition by the Repeater Journal staff will receive a proof with time for telephone corrections. No proofs are available for ads with typesetting submitted after deadline, due to staff and time limitations.

ADVERTISING DEADLINES

All advertising copy and insertion orders should be sent to the Journal Advertising Manager:

Sharon Ward, Advertising Manager
P. O. Box 215, Tobaccoville, N.C. 27050.
Phone (910) 983-0879
Fax (910) 983-4012
E-Mail: sfward@vnet.net

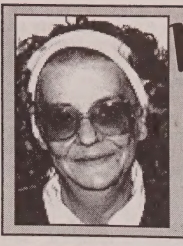
Ad copy deadlines are the 1st of the month, prior to month of publication. New ad insertion order deadline is 10 days prior to copy deadline.

The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Repeater Jouurnal Editor or Sales Manager.

AD & COPY DEADLINE DATES

FEBRUARY ISSUE - January 1,
MAY ISSUE - April 1,
AUGUST ISSUE - July 1,
NOVEMBER ISSUE - October 1.

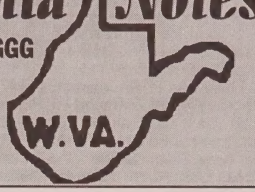
The Repeater Journal is published by and is the magazine voice of SERA, Inc.



West Virginia Notes

BARBARA MARSH, KB8GGG
masterkee@inetone.net

126 UP LEFT FORK ROAD
SHADY SPRING, WV 25918



The five "W" questions, when answered briefly or completely, should make a good news story. This was one of the first principles we were taught in high school journalism. Let's test that theory.

WHO: WV8B Gary Holt and WZ8E Nelson Linkous Jr.

WHAT: A "junk-box" computer

WHEN: January 1997

WHERE: Created in Gary's basement; delivered and set up on my desk.

WHY: "Because we wanted to!" was their response.

It works! These answers give us the basis of an interesting story. Let's see what happens when we add more details to explain each "W".

WHO: Gary is president of the Appalachian Repeater Association, Ltd., Northern Division while Nelson directs activities of the ARA's Southern Division. These two gentlemen are the owners/trustees of 22 UHF/VHF repeaters in Virginia and West Virginia. Two more dedicated supporters of amateur radio would be hard to find.

WHAT: Their respective junk boxes yielded most of the necessary parts needed to assemble a computer. An IBM case with a good power supply was filled with a hard drive, a floppy drive and all other components to create a working machine.

WHEN - WHERE: December and January were the months spent seeking the bits and pieces and secretly assembling the computer. Gary borrowed the keyboard from his home packet station and I believe even the monitor came from the same source. Anyway, one Saturday morning, Gary called on the 146.625 Flat Top repeater to say he was enroute to our home and there had better be a place to install a computer on my desk. (There was!)

WHY: They really did say "Because they wanted to" was the reason they built the computer for me. However, I know one of the reasons was to assist me in preparing the columns for our Repeater Journal and maybe another was so I can help keep track of the membership records for the ARA.

Whatever the true reasons are, I thank them. Now all I have to do is learn to use this modern piece of equipment. It sure is different from my old Underwood standard typewriter.

* * * * *

Who do you call when you need reliable communications during an emergency?

Wyoming Co., WV emergency personel found the answer to that question on 1 Feb when an ATV accident was reported. Radio contact between responding paramedics and the Emergency Operations Center at Pineville was very limited.

Judith Walker, a teacher at Mullens High School, and Jim Burrell were riding a four-wheeling vehicle over remote back roads and trails. Somehow Judith's foot slipped from the safety peg and her leg was pulled under a rear wheel. She was hurt badly.

Jim rode for help. An Upper Laurel Ambulance crew responded but the terrain was too rough for the ambulance to travel. Paramedic Chad Cox, taking medical supplies and a company hand-held radio, transfered to a four-wheel drive vehicle to go the final mile.

Meanwhile, our Ham, N8VFJ Odie Mongeni, had heard the dispatch and decided to go to the scene. (He is also a paramedic and a volunteer fireman.) It's a good thing he did! Odie and Paramedic Paul Lane walked the mile into the accident scene. The radio used by the paramedics was unable to reach either the EOC or the ambulance dispatcher.

Odie used his amateur H-T and the 147.030 Herndon Mountain repeater to contact his wife, Tommie KB8ULY. Tommie used the telephone to relay messages from the scene to the authorities.

When it was decided a Health Net helicopter was needed Tommie called Regional Command at Beckley.

Another Ham, KA8PYC Jim Cantrell, answered that call. Upon learning it was amateur originated, he went outside to use his truck radio. He relayed messages from the hospital doctor to the paramedics at the scene by running between his truck and the ER.

The chopper and crew arrived to find a landing zone had been prepared by members of the Mullens Volunteer Fire Department. The medical crew loaded Judith aboard and flew her to a Charleston hospital for surgery.

Judith is doing fine and the paramedics are seriously considering becoming Hams.

Isn't amateur radio wonderful?

* * * * *

They say big girls don't cry. Balonga! I cried when I had to miss the Fayetteville Hamfest sponsored by the Plateau ARA. This yearly event marks the opening of Ham activites in our area and is one of my favorite gatherings.

N8RTR Loretta Adkins promised to collect my hugs as she worked the Appalachian Repeater Association's table She was assisted by Gary Holt WV8B and Alex Hedrick N8FWL.

I talked with several people over the air as they were leaving Fayetteville. David KC8CZN was really pleased with his first hamfest experience. After winning a gift certificate to a local restaurant, he treated himself, his brother, Richard KB8VIP, and a friend to lunch.

On Monday, Dale Marks N8XNI, stopped by our home to deliver two loaves of homemade bread. His mother, Inez KB8RCH, had made the bread and taken it to the hamfest for me. Since I wasn't there, she told Dale to drop the loaves by the house. Needless to say, I enjoyed eating that gift.

* * * * *

KC8CON Juddie Burgess, secretary for PARA, sent me a newsy letter outlining the different projects planned by clubmembers.

Juddie is also net manager for PARC Packet Net, which is conducted each Thursday from 7 until 10 p.m. on 145.090.

The PARA voice net is held each Thursday

(Continued on next Page)

West Virginia News

(Continues from previous page)

at 8 p.m. on the NM8T, Steve White, repeaters - 146.790 and 443.300, which are linked for this activity.

This year PARA members will again be joined by Black Diamond ARC amateurs for Field Day. The annual event is held at Burnwood Campground located just north of the New River Gorge Bridge and directly across U.S. Rt. 19 from the Visitors' Center and Overlook.

Juddie also sent news that a new DAREN node is on the air. Tony Barnett N8KNG, Mike Tyler WA8YWO and members of the Nicholas County Commission receive credit for this effort. The node's alias is NICHWV and the mailbox is RWODWV. The repeater is located on Grasshopper Knob, northeast of Richwood.

* * * * *

Last December, Mike Horn KB8GDF, conducted the very first "Nightly Talk Around Net" over the 145.330 repeater in Mingo Co.

This net, sponsored by members of the Southern Appalachian Wireless Society, begins at 9 p.m.

Many good things have been sparked by the net. A 30-minute talk show over WXCC Radio Station featured N8IBK ABB, KT8J Stan, N8PNC Roger and KB8KDR Mark, local EC. These Hams explained amateur radio and its many facets to the public. Net members gathered loads of supplies for recent flood victims and KB8KQT Randall held a training class for weather spotters.

A Ham Radio Exhibit, set up at the Southside Mall, commemorates the anniversary of the 1977 flood in Mingo County. During this tragedy, amateur operators demonstrated their usefulness in emergency situations.

SAWS members will be holding Field Day on Buffalo Mountain and various activities are planned in conjunction with this event. Mike extends an invitation for everyone to participate in the Field Day event and please check into the nightly net.

* * * * *

N8FWL Alex Hedrick, Our Vice-Director and Coordinator of the Southern portion of the State, sent me six notices of proposed repeater coordinations. These include one for 10 meters, three for 440MHz and two for 6 meters.

WA8YWO Michael Tyler of Richwood, Nicholas Co., has requested 29.560/29.660 as frequencies for his new repeater. The transmitter will be located on Grasshopper Knob, north northeast of Richwood and the receiver will be on Little Beech Knob, south southwest of town.

K8WVA C.E. "Sam" Hall II of Madison has installed his new repeater, 443.050/448.050, on Drawdy Mountain, east of Foster in Boone County.

Brian Wilcox KB8UJG will place his machine, 443.700/448.700, at his home in Princeton, Mercer County.

Peach Ridge Road, Exit 34 from I-64, is the location for the 449.500/444.500 repeater. David Comstock W8HYX of Hurricane is trustee.

A new 6 meter repeater on 52.330/53.330 will be situated on the water tank at Greenbrier Valley Country Club. Trustee is Todd Fenstermacher KB8OUU of Lewisburg.

The other 6 meter machine is south southwest of Logan on the Upper Whitman Strip Mine site. John Abraham KE4QOX of High Point, NC is the trustee for the 52.170/53.170 repeater.

* * * * *

The 13th annual Charleston, WV Area Hamfest and Computer Show has come and gone with approximately 1000 Hams and family members in attendance. E-Mail correspondence from Jeanie Holstein KB8QLC, vice chair of the Hamfest Committee, indicates it was another successful event.

At noon Cal Basham W8NR was recognized as the Amateur of the Year by members of the Kanawha Valley ARC, hamfest sponsors.

Jeanie listed the major prize winners as Dave Wheatcraft KC8CIN, Jerry LePere N8URG, Carmen Casdorph KB8PPV, Gary Casto KG8EW and Dana Pickens WB8G.

Jim Packett KC8BCH manned a table for the National Weather Service and explained the SKYWARN program. During the day's activities, rain gauges were awarded through special drawings. Amateur TV was demonstrated by John Curry WB8UCJ and A.R.R.L. was represnted by John Kannode N4MM, Roanoke Division Director, and Ollie Rinehart WD8V, Roanoke Section Manager.

Looks like I missed another special event!

* * * * *

Several years ago members of the Appalachian Repeater Association were surprised, embarassed and finally delighted when they received a different type of an award. At first it was presented only to club members but its popularity grew until nonmembers were coveting them.

The prestigious "Green Weenie" award can only be earned by those of us who goof up while enjoying our radio hobby. The very first one went to Greg Sluss W8LG. As a new operator he was experimenting with building antennas. Very seriously he informed Gary WV8B that he could not get the standing wave adjusted in a long-wire antenna. He calmly remarked "I've cut it off three times and Gary, it's still too short!"

Some of the latest honorees include John Larkin N8XNZ who parked his vehicle, locked the doors and went into his home. Unknown to him, the mic on his car radio had fallen and was keyed, keeping the 146.865 repeater locked on transmit.

Another recipient was Nelson Linkous WZ8E who got two mics confused. While at work one day, he needed to talk with another railroad employee but tried to reach him by using his 2M radio instead of the companys.

Two brothers earned their certificates together. Guy Hicks KB8HDQ and brother Arlie AA8SE had been present at the club meeting when plans for the Christmas dinner were finalized. But they still showed up three nights too soon and wondered where everyone else was. There is a rumor that another unidentified Ham also made the same goof. Who was it? We have your award waiting.

KE4JYN David Arrington received one and is so proud of it, he has it framed and hanging in his shack. One night late, David was talking with several of us on the 147.135 Dismal Peak, VA repeater. Interference was causing the Dismal Peak 444.975 to key and hang on. Dave, as a monitor, said he was going to turn off that machine.

He keyed the control tones but for the wrong repeater. He mistakenly turned the two meter repeater off while i was talking. His award was given because he had found a slick way to silence a gabby Ham. ME! I believe Dave has even added a gold star to enhance the certificate.

A recent winner is Dick Fowler N8FMD. As control operator for the Thursday evening A.R.E.S. Net, Dick paused while taking

(Continued on next Page)

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MIR Frequencies may cause Problems

-by Gary Pierce, KN4AQ

Recently, the space station MIR changed frequencies for its operation in the 2M band. MIR now listens for you on 145.20 MHz (the uplink), and transmits back on 146.80 MHz (the downlink).

Every ham working MIR from North America should be aware of the bandplan conflicts these new frequencies have created - not to create anger and hostility, but to understand the source of potential interference, and help solve the problems created.

The APRS packet network has been established in many states on 145.79 MHz, just 10 kHz below MIR's 145.80 downlink. This is too close for Narrowband FM - there is guaranteed interference even from moderately strong signals.

When you work MIR, you will be listening on 145.80 (and even closer to 145.79 as Mir approaches you, due to doppler), so you may experience interference from APRS stations. However, you will be transmitting on 145.20, so the APRS stations will not hear you. They may get interference from MIR itself.

The MIR uplink, 145.20, is in between two repeater outputs, 145.19 and 145.21. MIR will be trying to hear you in between signals from a few dozen repeaters on those frequencies. If some of them are active during the pass, the MIR station (live or packet robot) will have trouble copying you.

I have not heard any actual reports of difficulty yet, but this isn't just speculation. 10 kHz (and less, with doppler) is just too close for narrowband FM to work.

These new MIR frequencies were chosen by European hams, who have only half the 2 Meter band we do (144-146 MHz). Coordinating 2 Meters "worldwide" is a difficult task. This may be the best compromise they could come up with, but its a problem for North America. One brief mention of the change in an ARRL bulletin suggests they are aware of the trouble:

> "The 2-meter Mir frequencies recently were changed: The uplink frequency is 145.200 MHz and the downlink is 145.800 MHz. This change resulted from a recommendation from IARU Region 1 (Europe). Please do not ask the crew about it, as the crew does not set policy on frequencies." (Space Bulletin 003 ARLS003, from ARRL Headquarters Newington, CT Jan. 31, 1997)

Half a solution may be to move APRS activity to another frequency, somewhere between 141.30 and 144.50. This was the secondary 2 Meter "satellite" band that AMSAT will not be using. That might actually happen - the nation's frequency coordinators are debating the issue on their internet mailing list. But nothing will improve the uplink problem at 145.20. There are hundreds of 2M repeaters 10 KHZ either side nationwide.

Stay tuned for more.

West Virginia News

(Continues from previous page)

check-ins to explain proper use of the HAMTALK Link System. It seems he had heard grumbling from some amateurs when other Hams had requested to use the machines. Anyway, Dick's explanation ran a little too long. He timed out not just one repeater but all eight machines which comprise the linked system. (Maybe I'm not the only long-winded one?)

A Beckley couple, both amateur operators, were doing their laundry and the clothes dryer kept overheating causing long delays. They finally decided to purchase a new one...but they needed a truck to bring it home.

Coordinating schedules over the 145.230 repeater, the purchaser and the truck driver met, loaded the new machine and returned home. Once there they disconnected the old dryer; installed the new one, and the driver headed for the junk yard to leave the bad appliance.

The junk dealer was closed. Thank goodness for small favors. Shortly after arriving home, the truck owner received a call...asking where was the dryer. It seems none of the three adults had opened the door of the old machine. Inside was a large load of dryed clothes.

So-o-o-o, at my deadline for this article, we are happy to announce the latest winners of the acclaimed "Green Weenie" award . . . the proud owners of a new clothes dryer - N8FWL Alex and N8ZZQ Lonna Hedrick and the truck driver - N8MRD Dale Marsh.

I still hold the record though for earning three "Weenies" in one month's time. Wish someone else would work for that honor.

* * * * *

What are the odds of one's amateur call being mistaken for anothers...for instance, mine - KB8GGG? Not great, right? Wrong! You must listen closely now as there is a KC8GGG heard over the same repeaters I use.

The new calls issued following the Fayetteville Hamfest test session all began with the "GG"suffix. KC8GGG was given to John Adkins who is the son of KC8GGI Jack Adkins Sr. who is the father of KB8FUS Jack Adkins Jr. who is the husband of N8RTR Loretta who is the sister-in-law of N8WMS Dale Adkins who is married to N8YZS Patricia who is another sister-in-law of WD8OYG Duane Kincaid who is married to Jennifer Adkins.

We will get to see if the family that Hams together stays together is true. Anyway, I want to say welcome to "Pops" KC8GGI and to "Brother John" KC8GGG. Hope they enioy our hobby as much as I do.

Get the Hammer!

And let's get technical

-by Randy McKenzie, KB4YFV
3661 AIRPORT RD. - HILLSVILLE, VA 24343
E-mail: rsmckenzie@juno.com

Editor's Note: Please welcome our newest technical writer Randy McKenzie, KB4YPV. Randy will be giving us valuable tips in the field of "how to" and technical in future issues of the Repeater Journal.

Pre-tuning a tuner?

Using the MFJ antenna analyzer to tune up your tuner is a simple matter of connecting the MFJ into the transceiver port of the tuner. Set the MFJ on the desired frequency (or center frequency of interest).

Adjust the tuner for minimum swr on the MFJ. Once the tuning is complete, reconnect your HF rig. Set your tuner to "dummy" or connect a dummy load to the transmitter (depending on your setup) and tune up your transmitter. Connect the HF rig to the tuner with the antenna connected to the tuner. You should find that the swr is near 1:1 every time.

This process minimizes transmitters on-air tuning and dumping the transmitter into a bad match. After all, I would rather use the MFJ and set the antenna right instead of burning up a set of finals trying to adjust the tuner!

Once the tuning is done, make yourself some notes so next time you can just "redial" the settings without getting the MFJ back out. These readings should be rechecked on the swr bridge in the tuner. Slight adjustments will keep your transmitter's finals very happy!

After all, isn't there some rule about minimizing radiation during tune up? My rule is minimize risk to expensive parts!

Got a request for a technical tip. Send it to me: Randy Mckenzie KB4YFV, email: rsmckenzie@juno.com or write me at: 3661 Airport Road, Hillsville VA 24343

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RATS Works For SERA!

The Richmond Amateur Telecommunications Society, RATS joined with SERA at their Hamfest in January in sponsoring a weekend SERA Membership promotion. The club passed out SERA brochures as patrons came through the door to the hamfest. Then they manned a booth within their club booth to collect money and applications for those who wished to join SERA. In the photo above, Jim Clark, N3JJF, Frostfest Director, joins Bill Gold, KB6GHQ, RATS President in assisting club members in the collections.

-Photo by Martin Gary, W2MG, Frostfest Publicity Chairman.

Other Clubs Also Participating in SERA Promotions

Several other hamfests have also run SERA Membership promotions. We wish to thank the VA. Beach RC and the VA Beach Hamfest, the "76 Group" and the Greensboro Hamfest, RARS and the Raleigh Hamfest, and the Johnson Cty. ARS and the Benson Jarsfest who all ran membership promotions for SERA.

Nostalgic Wavelengths - (Continued from Page 11

Base stations were typically also horizontally polarized, and vertical polarization was usually more noisy for AM reception. Many amateurs would use the transceiver in their car as well as their home.

I clearly remember talking with many locals, using SIXERS, in Rockwood, Oak Ridge, and other locations in the Knoxville vicinity. Most had beams with, typically, three to five elements. As with the beams, these hams worked DX stations as far away as the west coast using double-hop E-skip. I remember one proud ham in Roane county "bagging" a station in Washington state with a 5x8 signal report -- not bad.

This versatile little transceiver, simple as it was, opened up the joys of VHF operation and kit construction for many hams years ago. gone are the days of vacuum tubes and operation without repeaters. Megacycles are gone too; replaced by Hertz in honor of a famous pioneer in electronics. it cost was low, but my, how it opened up new vistas for amateur communication in the world above 50 MHz. Now this "brown box" rests next to my computer as a reminder of a different, but exciting era in amateur radio communication.

(Postscript) - A few years ago, my entry back into six meter mobile operation occurred when I won an Azden 7500 transceiver at a ham radio activity. I got to enjoy the excitement of six meters again, but with a more complex and versatile rig. Later, I purchased the Azden twin, model 7000, for two meters. Just like years ago. Two identical rigs for six and two, but at a size roughly one-third that of the "ole trusty" Benton Harbor Lunchbox.

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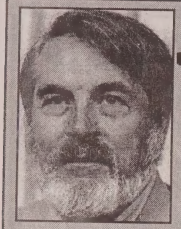

North Carolina News

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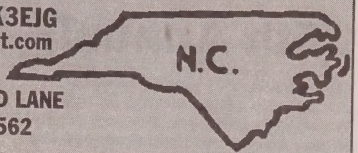

Heard it from one of my New Bern friends that I didn't mention my own club in the last article, so let it be the first this issue. NBARC's new officers are: President Charles Bremer, KD4OFT; VP Bob Chord, KB4VMI; Secretary Ray Hemphill, W7OPH; Treasurer Charlie Gould, K4VC; Communications Bob Emerson, KF4KHW; Membership David Works, KE4LNU; and trustee Tommie Phelps, WA4EME.

Since the club repeater on 146.61 has been suffering a noise problem, it is currrently using a 100 Hz PL tone, announced Ed Valentine, W2YPM. The group is also planing to reinstall the 440 repeater through the efforts of Sid Purvis, WA4VBC and Paul Locicero, K4TAF.

* * * * *

The RaleighARS Exciter had an impressive list of new members, plus another one of new calls in their January issue. February's annual meeting on Skywarn should remind us that emergency plans should be first in the minds of many of our clubs.

President Cyndi Wood, KD4AC, also commended Bob Keys, NA4G; Tim Buehlman, W4TIM; Lynn , KO4QH, and Alan Pitegoff, AB4OZ; for their demonstration at the Wylie Elementary School. The March meeting marked the 28 th Anniversary of the club, which boasts of over 400 members.

* * * * *

Speaking of anniversaries, the Charlotte ARC celebrated its 25th this January, according to the Newsline. Original members were Richard Bell, WA4BNO; Fred Callahan, W4IJG; Dave Smith, K4LNH (now K4HX); Wayne Shope, K4ANL; Earle Gluck, W4CQ; Francis Nakamura, WB4ETF, and John Abrams.

The group noted their public service activities at the Charlotte Observer Marathon, Latta Park Triathlon and emergency communications for the Guatemala and Managua earthquakes. President Daryl Sampson, KM4GO, announced plans for the 1997 season to include establishing an internet presence, and club participation in the NC QSO Party.

* * * * *

The Mecklenburg Mars News reported on activities at Discovery Place, home of the QSO Party, and contained invites for all to visit the Station which now has two HF positions and plans to upgrade the ATV system an possibly install a all-mode six meter station., according to Mary Hunt, KA4EXP.

* * * * *

The Western Carolina ARS also celebrated a 20th Birthday Anniversary this year with President Ken Smith, KE4VMB; VP Angela Wheeler, KD4QXZ; Secretary Bob Dockery, WD4CNZ: and Treasurer Bob Helton, KS4FX. Club meetings feature an 'oldest QSL card' prize for members. Another interesting idea is a 'simplex net' on Tuesdays to determine emergency capabilities without using repeaters.

* * * * *

One of the two 'Feedline' publications I receive listed a Christmas party I was sorry to miss. The Greensboro ARA featured Chinese food, although originally planned for a Japanese steak house, according to Editor Daryl Brewer, KE4MOH. Steve Marks, KE4FCW, announced the appearance of the 444.225 mHz repeater atop the UNC library in downtown Greensboro.

Skywarn activities also note the Triad home page at <http://www.netpath.net/~skywarn/> and the Guilford ARES page at <http://www.netpath.net/gcares/>. Jon Matlock, KE4IAM, EC for Guilford County, thanked Roger Holley, KF4CFE, for his work with Jeff Deasy of Netpath to get the pages online.

The club also was working on plans to support the MS Walkathon in April, through the efforts of Roy Smith, N4BYU.

* * * * *

Cary ARC's Feedline announced officers for 1997 as: President Tom Doligalski, N9CGD; VP Lee Swanson, N4AJF; Will Harper, K4IWW; and Secretary Herb Lacey, N4UE. An interesting article on Automatic Packet/Positionong Reporting System (APRS) was writen by Scott Andrews, KE4RHO, who offers more to those interested at his email address, ke4rho@ix.netcom .com. He also listed the APRS shareware available at <http://www.bluenet.net/ke4htm>.

The March issue featured a presentation ceremony by the Wake County commissioners for the participants who helped out during and after hurricane Fran. NCSM Reed Whitten, AB4W; PIC Gary Pearce, KN4AQ; and EC Jerry Davis, KE4TTS; represented the many amateurs who will received individual certificates at later meetings.

* * * * *

Kinston ARS mentioned the new 444.975 mHz repeater in Morehead City, which bears the callsign W4YMI, in memory and honor of Bob O'Bryan. New offiicers are President Russell Worthington, WA4POD; VP Jean DuPree, KB4OHX; Secretary Jane Rybolt, KD4JNZ; and Treasurer Gene Rybolt, KA9DGI.

* * * * *

The W4NC Happenings from the Forsyth ARC included new officers: President David Griffith, WA4MKK; VP John Kippe, N0KTY; Secretary 'Sparky" Ramey, KE4TES; and Treasurer Mike Bryan, WA6KWW. The club listed 632 QSO's in the NC QSO Party and a total of over 75,00 points, thanks to operators Don, WB4KQN; Sparky, KE4TES; Ed, KU4BP; Don, KT4KV; and John, N0KTY.

* * * * *

Stanly County ARC's new president is Ed Griffin, W4KMA; and the Secy/Treas will be Carl Starnes, W4EAT. This year's efforts to increase emergency prepardness was emphasized by a questionairre and lisings of needed services by Paul, KD4OZI, in the club Ole Gossip Bulletin.

* * * * *

The WARA Oscillator promised a Fox Hunt in March, and club plans for Field Day were being formulated by President Howard, K2IMO. Unfortunately, the one issue I received seemed rather sparce, with some information written in pen. I hope the group isn't having problems getting out their newsletter.

* * * * *

Pamlico ARC Sounds also included plans for an April Fox Hunt, as well as a change to the Beaufort Community College for their fourth Tuesday meetings. (Talk in on 147.345) Noted that Editor Marcia Thonpson, KE4ZDS, will be moving with hubby Bruce, KE4JZE, leaving several slots to be filled in the officer panel. President Jim Perry, KP4FGW, VP Frankie Buck, KA4APA; and Secretary Edna Perry, KF4ARR are remaining officers.

* * * * *

Union County ARS called 'tally ho' on its Fifth fox hunt in March. This one to be a tag-type, which means the hunter who finds the fox tags and then become the next fox....this could go on forever... (or until one poor fox is completely lost?) Ron Lawrence, KC4YOY, announced the search for a representative club logo, but rejected the idea of a pile of empty chairs as a valid design.

* * * * *

High Point ARC has begun the year with new President Mark McMahan, KB4MFP; VP Scott Carmichael, KE4ZFV; Secetary Wayne Jacobs, KE4WZU; and Treasurer Jackie Rogers, KB4JHL. The club recently donated 20 ARRL books to the High Point Library in memory of Tom Elis, WA4CBC; Adam Stein, N1CVG; Steve McMahan, WB4ZOS; and Nancy Newton, (xyl of WA4FCP, Warren).

CINDY ROGERS, KR4LS "The Happy Hamette" writes about the light and funny side of Amateur Radio. It's in EVERY issue of the *Repeater Journal*.

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FREE PARKING!

Food: Concessions will be available with a variety of foods.

Tickets: $4.00 in advance. $5.00 at the door. Additional prize tickets for $2.00 each after purchasing an admission ticket. Children 12 and under admitted free.

Tailgating: $5.00 per space. Admission tickets are included with the purchase of 2 or more spaces. Admission tickets are available at $2.00 for tail gaters requesting only one space. PLEASE NOTE: The selling or solicitation of pornographic-type material is prohibited within the indoor or tail gating areas.

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Prizes: $250 cash grand prize. Hourly door prizes to be announced.

Talk-In: 147.060/146.460 W4CQ

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_____ Pre-registration tickets @ $4.00 ea. $_____

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For more information call (or write):
Daryl Sampson, KM4GO
(704) 522-4971 Ext. 3330

Internet Email: **w4cq@juno.com**

Editorial Comment . . .

A Little Discussion on Hamfests!

(Continued from Page 1)

get-to-gethers with locally cooked covered dishes. Two definitely come to mind, Raleigh and Kinston.

My most disgusting meal has to be a hot dog with chili bean chili. I love hot dogs with chili and the works, but not with BEANS in my chili. Hot dog chili is not the same kind of chili as that which you put the big beans in. Believe me fellas, it ain't!

I really think as a whole, hamfest sponsors are concerned about food. Probably they just aren't being quite as critical as they should when they receive complaints.

I think I might just set up a little survey among people, probably hamfest dealers, and see what the likes and dislikes are in food.

Maybe we can give a "culinary" award to the hamfest with the best food in the SouthEast.

* * * * *

Sitting down at hamfests!!! I never really gave it much thought before. But I have some dear friends whom I work closely with who are victims of some form of handicap. They have opened my eyes.

It is really amazing - there are many hamfests with NO place to sit. The handicapped persons really do need a place to rest. And now that I have joined the "60s and over crowd, I can see the reason for having a place to sit and rest a spell.

Several hamfests have lounges, concessions, etc., with ample seating. But there are many medium to small shows which have no chairs except the ones they sold the dealers for 50 cents.

If you run a hamfest, do us all a favor, take a look at your layout. Can you spare a 10 x 12 space and 8 or 10 chairs. Your handicapped and "senior" citizens will thank you for it.

* * * * *

I couldn't write about hamfests without throwing in the advantage of Repeater Journal advertising.

There are so many shows out there. They are all competing for attendance. How do you get the word out? Many show sponsors have discovered that is NO way better than the Repeater Journal. In fact, we have three shows who use the Repeater Journal "year round."

There were 19 different hamfests advertisements in the FEB Journal. We have 14 in this issue. The word is getting out. The Repeater Journal is the place to promote your hamfest. It is the "bible" which all the dealers, and traveling fleamarketeers use to set up their year of travel.

Be sure your show is represented with an ad in the Repeater Journal. Contact our Sales Manager or the Editor. They'll be glad to discuss how we can help you promote.

* * * *

4:00 PM - No Show!!

I hate to say it, but there are no hamfests that last till 4:00 pm. You still see many shows advertising 8 or 9 am til 4:00 pm. Even after several years of watching, they still haven't discovered that everybodys gone before 3:00. Depending on the show, for the most part, from the dealer's standpoint, most shows end around 1:00 pm or at the latest 2:00 pm.

By ending . . . we mean that 90% of the attendance has gone home, NO sales are being made and dealers and flea marketeers are either standing around talking to one another, or are packing up getting ready to pull out.

Show sponsors make a lot of folks mad. Some show up, unknowingly at 3:30 or 3:45 pm expecting to enjoy some late hamfest bargains and discover upon entry that there's nobody hardly left.

Be honest with yourself guys and gals. It just ain't gonna happen to your show. It'll end early, no matter how hard you try to prevent it.

Two day shows are the same. They're over early the first day, but no dealers or flea market people can leave because there's a second day to agonize through. Just watch what happens Sunday though. It's over before it begins at a lot, and no later than noon at the rest.

This reflects on NO ONE and their ability to conduct a show. It is just the way things are in the late '90s. People go home early. They don't stay!

* * * * *

Flower power & smelling the roses: When you work during your life, you are often told to "slow down, take time to stop and smell the roses."

Well when I retired from my regular full time job 18 months ago, I decided to do just that. And you know - I liked it! Since then, I have devoted a large part of my life to flowers. My back yard is spilling over with flowers, bushes and trees. The front yard is next. We have planted over 600 plants, bushes and bulbs in 9 plant beds in my back yard. Bushes circle the porch, the driveway, and the fence and we haven't even started.

As I travel through neighborhoods, I notice yards now. When I see an extremely pretty one, I have even stopped and checked to see what they have planted and how they did it.

Don't laugh! I just worked hard all my life, for over 45 years. I never stopped or had the time to look at anything other than dreading to mow the lawn when it got knee high.

Now I guess I'm following my mother's footsteps. She loved her flowers. When she died in 1974, she had just come in from working her flowerbed.

I have even discovered that plants DO listen to you, and they do talk back. You just have to take time - stop, linger a moment, take a deep breath and lavish the feeling of the warm sun, the brilliance of the blooms, and that sweet aroma surrounding you. Mother nature is a wonderful old gal.

Do you follow all this?

You will! Someday . . . too!

-Wayne C. Williams, K4MOB, editor

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SERA FREQUENCY UTILIZATION PLAN for 222-225 MHZ

As amended by SERA 1-5-97

222.000 - 222.015	Guard Band (15 khz)
222.015 - 222.050	EME - (Earth/Moon/Earth) (50 khz)
222.050 - 222.060	Propagation Beacons (10 khz)
222.060 - 222.100	Weak Signal CW/Experimental (40 khz)
222.100	CW/SSB Calling Frequency
222.100 - 222.200	Weak Signal CW/SSB (100 khz)
222.200 - 222.350	Repeater Control/Link Frequency (150 khz)
222.350 - 222.450	Hi Speed Digital w/222.40 Center (100 khz)
222.450 - 222.460	Propagation Beacons (10 khz)
222.460 - 222.490	EME/Weak Signal/Experimental (30 khz)
222.500 - 223.380	FM Reptr. Inputs (880 khz/20 khz spacing)
223.400 - 223.640	FM Simplex Voice (240 khz)
223.660 - 223.780	Digital Channels (120 khz/20khz spacing)
223.800 - 223.900	Hi Speed Digital w/223.85 center (100 khz)
223.910 - 224.080	Control & Link Frequencies (170 khz)
224.100 - 224.980	FM Repeater Outputs (880 khz/20 khz spacing)
224.990 - 225.000	Guard Band (10 khz)

Repeater Pairs, 222.50 - 224.98 mhz

45 Repeater Pairs, 20 khz channel spacing, 1.6 mhz in/out

222.500 - 224.100	222.520 - 224.120	222.540 - 224.140
222.560 - 224.160	222.580 - 224.180	222.600 - 224.200
222.620 - 224.220	222.640 - 224.240	222.660 - 224.260
222.680 - 224.280	222.700 - 224.300	222.720 - 224.320
222.740 - 224.340	222.760 - 224.360	222.780 - 224.380
222.800 - 224.400	222.820 - 224.420	222.840 - 224.440
222.860 - 224.460	222.880 - 224.480	222.900 - 224.500
222.920 - 224.520	222.940 - 224.540	222.960 - 224.560
222.980 - 224.580	223.000 - 224.600	223.020 - 224.620
223.040 - 224.640	223.060 - 224.660	223.080 - 224.680
223.100 - 224.700	223.120 - 224.720	223.140 - 224.740
223.160 - 224.760	223.180 - 224.780	223.200 - 224.800
223.220 - 224.820	223.240 - 224.840	223.260 - 224.860
223.280 - 224.880	223.300 - 224.900	223.320 - 224.920
223.340 - 224.940	223.360 - 224.960	223.380 - 224.980

FM Voice Simplex Frequencies

223.400 223.420 223.440 223.460 223.480 223.500 223.520
223.540 223.560 223.580 223.600 223.620 223.640

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The SERA Repeater Journal Southeastern 1997

HAMFEST/CONVENTION SCHEDULE

MAY, 1997

10 . . . . . Hamfest, STATESBORO, GA
10 . . . Com. & Elec Show at Fairgrnds, KNOXVILLE, TN
10 . . . Upstate SC Hf (formerly Grnvl), ANDERSON, SC
10 . . . . . Medina 2M Grp. Hamfest, MEDINA, OH
16-18 . . . . . 46th Hamvention, DAYTON, OH
17-18 . . . . HF, ANDERSON, TOCCOA, HARTWELL, GA
23-24 . . . . . HF at Jackson Cty. FG PASCAGOULA, MS
24 . . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC
25 . . . . . MD FM Assoc. Hamfest, W. FRIENDSHIP, MD
31 . . . . . Hamfest, NASHVILLE, TN
31, Jun. 1 (Sat. eve, Sun) HF at Frgrnds, CONCORD, NC

JUNE, 1997

. . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
. . . . . Hamfest, PRINCETON, IL
. . . Char. ARC Hamfest/Comp Fair, CHARLOTTE, NC
8. . . . . N. Ky ARC Ham-O-Rama 97, ERLANGER, KY
8 . . . . . Goodyear ARC Hamfest (Suffield) AKRON, OH
13-14 (Fri.eve-Sat) . . . . HF/Computer Fair, ALBANY, GA
14 . . . . . Paducah ARA Hamfest, PADUCAH, KY
14. . . . Hamfest at Dixie Cl. FG WINSTON-SALEM, NC
15. . . . HF/Com Fair at Brushfork Arm., BLUEFIELD, WV
15. . . . . Frederick ARC Hamfest, FREDERICK, MD
21-22 . . GA State ARRL Conv/Hamfest ATLANTA, GA

JULY, 1997

5 . . . . . Firecracker HF at Civic Cen, SALISBURY, NC
12 (nu dte) . Mayland ARC Hamfest, SPRUCE PINE, NC
12-13 Cen. ARRL Div.Conv./Hamfest, INDIANAPOLIS, IN
19 . . . . . W. Cen. ARC Hamfest, LEESVILLE, LA
19. . . . . Plateau ARC Hamfest, CROSSVILLE, TN
19. . . . . Midsummer Swapfest, CARY, NC
26. . WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC
27 . . . . BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 1997

2 . . . . High Point ARC HF at Armory, HIGH POINT, NC
2. . . . . Hamfest, SPRINGFIELD, MO
2-3 . . . ARRL Nat'l Conv./Hamfest, JACKSONVILLE, FL
3. . . . . 47th Annual Winchester HF, BERRYVILLE, VA
10 . . . . . Hamfest at Westn. Hills HS, FRANKFORT, KY
16 (New Date) . . . HF at Civic Cen Hall, ROANOKE, VA
16-17 . . . . . HF at Braun Civic Cen, HUNTSVILLE, AL
17 . . . . . Union Cty. ARC Hamfest, BROADWAY, OH
23. . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
24* . . . . . Short Mt. RC HF, CEDARS OF LEBANON, TN
30-31 . . . . . HF at Clev. Cty FG, SHELBY, NC

SEPTEMBER, 1997

6 . . . . St. Clair ARES/RACES Hamfest, PELL CITY, AL
6-7. . . . . KY State Conv/Hamfest, LOUISVILLE, KY
7* . . . . . FARFEST '97 Hamfest, GAITHERSBURG, MD
7* . . . . . Findlay ARC Hamfest, FINDLAY, OH
13-14 . . . . . Hamfest at Auditorium, MELBOURNE, FL
14 . . . . . UCARS HF at Nat'l Grd. Ar., MONROE, NC
14 . . . TSRAC Hamfest/Computer Fair, WHEELING, WV
20. . . . . Lanierland ARC Hamfest, GAINESVILLE, GA
20-21 . . . . . HF & Com. show, VIRGINIA BEACH, VA
21 . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
21 . . . . . Hamfest at Rec. Cen., NEW PORT RICHEY, FL
26-27 (fri.eve-sat) . . . Mobile ARC Hamfest, MOBILE, AL
27 . . . Anderson RC HF at Civic Cen., ANDERSON, SC
27* . . . . . Central Lousiana Hamfest, ALEXANDRIA, LA
27* . . . . . CRA/TTARS Hamfest, COOKEVILLE, TN
28* . . Falls Lake ARC Swapfest at Armory, BUTNER, NC
28 . . . . . Hamfest, (Berea) CLEVELAND, OH

OCTOBER, 1997

4* . . . . . Hamfest/Computer Fair, ROCK HILL, SC
4* . . . . . Hamfest, ST. PETERSBURG, FL
4-5 . . . . . Hamfest, BILOXI, MS
11* . . . . . 49th Annual HF/Comp Show, AUGUSTA, GA
11* . . . . . Hamfest at Cty Fairgrnds, WAYCROSS, GA
11-12 . . . . . Memfest '97 Hamfest, MEMPHIS, TN
12* . . . . . Hamfest, MAYSVILLE, NC
12* . . . CARA 21st HF, HOWARD CTY FAIRGRNDS, MD
17-18. . . . . Hamfest at Bradford Cty. FG, STARK, FL
18 . . . . Tri-Cities Hamfest at Appalachian FG, GRAY, TN
18-19* . . . . Hamfest at Fairgrnds., W. PALM BEACH, FL
25 . . . . . SW LA ARC Hamfest, LAKE CHARLES, LA
25 . . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
25* . . . . . S. Ky. AR Group Franklin Fest, FRANKLIN, KY
25-26 . . . . . Hamfest '97, CHATTANOOGA, TN
26 . . . . . Hamfest, LEBANON, IN
26* . . . . . Mason-Dixon Hamfest, WESTMINSTER, MD
26. . . . . Marion ARC Hamfest, MARION, OH

NOVEMBER, 1997

1* . . . . . Hamfest, EUSTIS, FL
1* . . . . . Hamfest, LAKE WORTH, FL
1* . . . . . Mobile ARC Computer Fest/HF, MOBILE, AL
1-2* . . . . . HR/Comp. Expo '97, LAWRENCEVILLE, GA
8* . . . . . Hamfest, TITUSVILLE, FL
8 . . . . . Twin City Hams Hamfest, WEST MONROE, LA
8. . . . . 20th Annual Hamfest, MONTGOMERY, AL
8. . . . . SC State ARRL Conv/HF, MYRTLE BEACH, SC
15* . . . . . Athens HF at Civic Cen., WATKINSVILLE, GA
15-16. . . . . IN ARRL State Conv./HF, FT. WAYNE, IN
16* . . . . . JARSFEST at American Legion, BENSON, NC
21-22 (fri.eve-sat) . . . . Hamfest, OCEAN SPRINGS, MS
22-23 . . . FL State ARRL/Suncoast Conv '97, TAMPA, FL
23* . . . . . Hamfest, NEW ORLEANS, LA

DECEMBER, 1997

6 . . . . Hamfest & Computer Show, GREENSBORO, NC
6* . . . . . Wiregrass ARC Hamfest, DOTHAN, AL
6* . . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
6* . . . . . Hamfest at Booster Stadium, OCALA, FL
13* . . . . Union Cty ARC Hamfest, at Armory UNION, SC
13* . . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL
14* . . . . . HolidayFest '97, LARGO, MD
14* . . . . . AR Coffee Break/ Flea Mkt, NORFOLK, VA

1998 CONFIRMED DATES

Jan. 3 . . . . . Hamfest, MORRISTOWN, TN
Jan. 18 . . . . . Frostfest, RICHMOND, VA
Feb. 7 . . . . . Hamfest, CHARLESTON, SC
Feb. 14. . . . . Hamfest, ELKIN, NC
Mar. 8 . . . . . Hamfest, INDIANAPOLIS, IN
Mar. 14-15 . . . . . Hamfest, CHARLOTTE, NC
Mar. 28-29 . . . St. ARRL Conv/Hamfest, TIMONIUM, MD
Apr. 11 (New Show) . . . . . Hamfest, MORGANTON, NC
Apr. 12 . . . . . RARS Hamfest, RALEIGH, NC
May 2 . . . . . Hamfest Kansas City, MO
May 15-17. . . . . Dayton Hamvention, DAYTON, OH
Jun 20. . . . . Hamfest, BLUEFIELD, WV
Jun 21 . . . . . Frederick ARC Hamfest, FREDERICK, MD
Oct. 16-17. . . . . Hamfest STARKE, FL
Nov. 14-15. . . . IN State ARRL Conv/HF, FT. WAYNE, IN

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date, with no guarantee of accuracy. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from *TSRAC AR News* Bulletin, *Florida Skip, AutoCall Magazine, Magnolia Letter, Ohio Section Journal,* SERA & ARRL Directors; the ARRL and the response of many clubs and individuals sponsoring hamfests and computerfests.

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Full Membership Soars!

(Continued from Page 7)

coordinate and keep our bands as clean and problem free as humanly possible.

It is the fair thing. We will provide the protection, service, and be a source of information, as long as the repeater owner keeps us informed at least yearly of his repeater status. Without the necessary information, we cannot provide any service to someone we're not even sure exists.

Repeater owners who lost their 1997 datasheet or for any reason, did not turn one in by December 31, may obtain new datasheets if they desire to update their information to SERA. contact: David Ward, KA4LVO, SERA Records Manager, P.O. Box 215, Tobaccoville, NC 27050. You may email him at: dward@vnet.net

If you need assistance on your data, contact your local State Director, Vice-Director or his Assistant. See Page 1 for their addresses and phone numbers.

Kentucky Has New Leadership

(Continued from Page 34)

Jerry Shouse was licensed in the learly '70s with the call WN4GWY. He is now an Extra class with the call N4EQT. He works for the State of Kentucky as a Special Projects Coordinator. His career deals a lot with communications between state agencies, development and implementation of emergency communications systems, which a part will be Amateur radio.

Jerry has a degree in Electronic Engineering, a State trainer for firearms instructor certification, has been a former Boy Scout leader, from Cub to Scouts. He is interested in both HF and VHF amateur radiio, is a member of several local radio clubs, a long time member of the ARRL, and is a member of the local VE team.

"In spare time," Jerry is also does some broadcast engineering for local radio stations, and volunteer work for the Kentucky Railroad museum.

Now he has one real challenge. Bringing coordination up to the present, and keeping it that way in Kentucky.

We hope all Kentucky repeater owners, as well as users will rally around Jerry and give him all the cooperation and assistance he so badly needs to get the job done to the standards required by SERA for repeater owners.

This whole world of amateur coordination works with cooperation, mutual agreement, and gentleman's understanding and support. Jerry can use yours right now!

The RARS Elmer List

The Raleigh (NC) ARS has an interesting listing in their newsletter, "The RARS Exciter." It is called the "Elmer" List.

The "Elmer" list is tabbed in three columns. The first column contains the name of a club member, the second column, his callsign, and the 3rd column, his specialty area.

What the club is offering, is a source for members needing help, a place to go. Some of the specialty areas listed where help is available include "FM and repeater operating, Ht Setup, VHF Packet, Mobile installations, Electronic theory-practice, CW, climbing towers, PC and digital stuff, and HF operating."

All you have to do is pick your subject, get the call and name, and make the phone call to the person for help.

Financial Report - by Ray Adams W4CPA

TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

FINANCIAL REPORT FROM JANUARY 1 TO MARCH 31, 1994, 1995, 1996 AND 1997

	$8/$20 1994	$8/$20 1995	$8/$20 1996	$8/$20 1997
REVENUES				
Advertising	$ 4,216.00	$ 1,136.00	$ 4,562.00	$ 4,681.25
Newsstand sales	74.00	- 0 -	737.00	624.00
Members dues	7,763.50	7,038.45	6,959.00	6,861.75
Interest	83.63	- 0 -	209.96	161.56
Other	- 0 -	- 0 -	- 0 -	2,175.00
	$12,137.13	$ 8,174.45	$12,467.96	$14,503.56
EXPENSES				
Repeater Journal production	$ 6,229.73	$ 6,602.74	$13,334.95	$ 6,657.81
Repeater Journal distribution	1,275.46	1,266.37	2,032.34	1,286.79
Payroll and payroll taxes	- 0 -	148.70	487.04	- 0 -
Travel and meetings	902.51	1,397.10	1,564.08	2,179.55
Office expense	375.80	348.74	29.10	905.23
Postage - other than journal	712.34	308.50	592.06	191.38
Printing - other than journal	51.53	35.59	132.28	488.39
Telephone and electronic mail	134.91	534.42	627.87	815.07
Miscellaneous	- 0 -	15.00	129.00	- 0 -
	$ 9,682.28	$10,657.16	$18,928.72	$12,524.22
REVENUE OVER (*UNDER) EXPENSES	$ 2,454.85	$ 2,482.71*	$ 6,460.76*	$ 1,979.34
Balances, beginning of year:				
Expenses advanced	$ 900.00	$ 900.00	$ 900.00	$ 1,000.00
Carrying value of office facilities	2,948.64	9,194.05	9,528.30	11,338.48
Cash on deposit	21,385.42	26,909.92	28,949.66	25,660.05
	$25,234.06	$37,003.97	$39,377.96	$37,998.53
Less dues collected, not earned	21,463.50@	24,110.00	24,615.00	24,975.00
	$ 3,770.56	$12,893.97	$14,762.96	$13,023.53
EQUITY TO ACCOUNT FOR	$ 6,225.41	$10,411.26	$ 8,302.20	$15,002.87
Less:Expenses advanced	$ 900.00	$ 900.00	$ 300.00	$ 1,000.00
Carrying value of office facilities	4,716.64	11,539.43	9,528.30	11,338.48
	$ 5,616.64	$12,439.43	$ 9,828.30	$12,338.48
Less dues collected, not earned	20,799.50	24,871.50	25,175.00	22,750.50
	$15,182.86*	$12,432.07*	$15,346.70*	$10,412.02*
CASH ON DEPOSIT	$21,408.27	$22,843.33	$23,648.90	$25,414.89

* = Negative amount

@ = Extraordinary charge on January 1, 1994 to convert accounting for members dues from cash to accrual basis. Because of this change, prior periods are not comparable.

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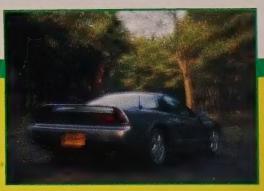

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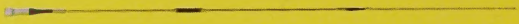
DUAL-BAND MOBILE ANTENNAS

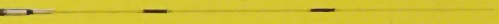
FL-67S Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.5dBi 5/8 wave 446MHz 7.2dBi 5/8 wave x 3	1.5:1 or less	150 watts	4' 11"	Gold Plated PL-259



FL-62S Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

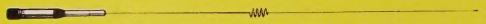
Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 3.5dBi ½ wave 446MHz 6.0dBi 5/8 wave x 2	1.5:1 or less	150 watts	3' 5"	Gold Plated PL-259



NEW!

SB-7/SB-7NMO Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.5dBi 5/8 wave center-loaded 446MHz 7.2dBi 5/8 wave x 3	1.5:1 or less	70W FM	4' 7"	PL-259 or NMO style



NEW!

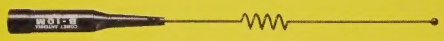
SB-5/SB-5NMO Dual-Band 146/446MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 3.0dBi ½ wave 446MHz 5.5dBi 5/8 wave x 2	1.5:1 or less	120W FM	38"	PL-259 or NMO style

NEW!

SB-2/SB-2NMO Dual-Band 146/446MHz

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ¼ wave 446MHz 3.8dBi 5/8 wave	1.5:1 or less	60W FM	18"	PL-259 or NMO style



NEW!

B-10/B-10NMO Dual-Band 146/446MHz, Cellular Look-a-like

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 0dBi ¼ wave 446MHz 2.15dBi ½ wave	1.5:1 or less	50W FM	12"	PL-259 or NMO style

B-20/B-20NMO Dual-Band 146/446MHz, Cellular Appearance, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ½ wave 446MHz 5.0dBi 5/8 wave x2	1.5:1 or less	50 watts	30"	PL-259 or NMO style

NEW!

SB-25/SB-25NMO Mono-Band 146MHz w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 4.1dBi 5/8 wave center loaded	1.5:1 or less	100W FM	4' 9"	PL-259 or NMO style

COMET products are available from most major dealers. For customer service, or a complete catalog, please call us at 800/962-2611. We're confident COMET products and accessories will enable you to enjoy Amateur Radio to its fullest!

N.C.G. CO.

NCG COMPANIES

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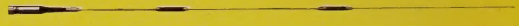
Anaheim, CA 92806
(714) 630-4541
FAX (714) 630-7024

TRI-BAND MOBILE ANTENNAS

CX-224/224NMO Tri-Band 146/220/446MHz, w/Fold-Over, No Ground Plane Required

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
146MHz 2.15dBi ½ wave 220MHz 3.6dBi 5/8 wave 446MHz 6.0dBi 5/8 wave x 2	1.5:1 or less	100 watts	3'	PL-259 or NMO style



FJ-15S Tri-Band 52/146/446MHz w/Fold-Over

Gain & Wave:	VSWR:	Max Power:	Length:	Connector:
52MHz 2.15dBi ¼ wave 146MHz 4.5dBi 5/8 wave 446MHz 7.2dBi 5/8 wave x 3	1.5:1 or less	120 W FM	4' 10"	PL-259

HF MOBILE AND HT ANTENNAS

NEW!

HA-4S Quad-Band HF 40/*(20)/15/12/10 Meters w/Fold-Over

Wave:	VSWR:	Weight:	Length:	Max Power:	Connector:
¼ wave	2:1 or less	1 lb. 14 oz.	4' 4"	120W SSB (200W SSB 28MHz)	PL-259

*L-14HS Optional 20 Meter Coil

SH-55 Super Flexible 146/446MHz HT Antenna

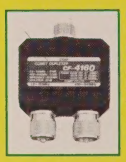
Gain & Wave:	Max Power:	Length:	Connector:
146MHz 1.5dBi ¼ wave 446MHz 3.2dBi 5/8 wave x 2	10 watts	15.5"	BNC

NEW!

CH-722SA High Gain HT Antenna
Gain & Wave: 146MHz 3.0dBi ½ wave
446MHz 5.5dBi 5/8 wave x 2
Max Power: 50 watts
Length: 35", 2 sections, 18" each
Connector: BNC

CH-32 Miracle Baby
146/446MHz HT Antenna
Gain & Wave: 0dB ¼ wave
Max Power: 10 watts
Length: 1.75"
Connector: BNC

DUPLEXERS AND MOBILE MOUNTS



CF-4106K, I, J,
146/446MHz
Band Pass, Ins Loss, Max Pwr.
1.3-150MHz, 0.1dB, 800w PEP
400-540MHz, 0.2dB, 500w PEP
Isolation: 60dB
CONNECTORS:

	4160K	4160I	4160J
Output:	SO-239	SO-239	SO-239
Low In:	PL-259	PL-259	SO-239
High In:	PL-259	N-Male	SO-239

RS-21
Trunk, hatchback, rear door (van, blazer, etc.) mount. Adjustable to virtually ANY angle. Rubber-coated base protects vehicle paint.

NEW!

RS-820
Heavy-Duty, Low Profiie Trunk Lip or Hatch Back Mount. Rubber-coated base protects vehicle paint.

WS-1M
Multi-Adjustable Window Clip Mount.
11.5 feet of high quality coax. Gold-plated UHF Conns. for Antennas up to 40" in height.

NEW!

3D4M Standard Cable Assembly
13.5 feet of low loss coax. Gold plated UHF (PL-259/SO-239) connectors.
3D5M Standard Cable Assembly
Same as 3D4M, but 17 feet of coax

CK-5M Deluxe Cable Assembly
13 feet double shielded very low loss coax + 12" RG-188 teflon coax. Gold plated UHF (PL-259/SO-239) connectors.
CK-5M5 Deluxe Cable Assembly
Same as CK-5M, but 17 feet of coax

NEW!

MINI SPEAKER/MIC

HM-P2K/F
Mini spkr/mic featuring full TX/RX quality!
Light weight, extremely small: 1"x2" with collar pocket clip.
HM-P2K: Kenwood Version
HM-P2F: Icom/Yaesu Standard/Alinco/etc.